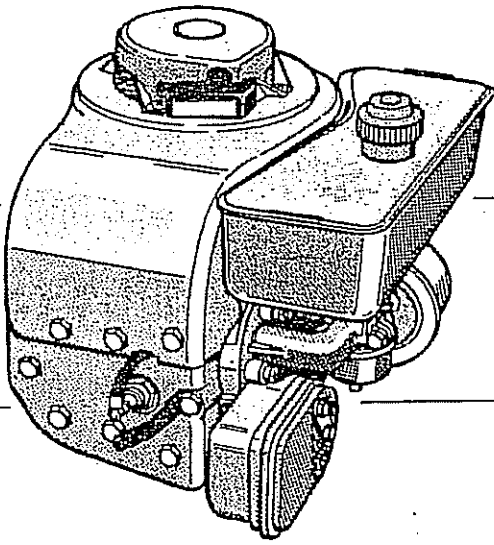




# OWNER'S MANUAL

and OPERATING INSTRUCTIONS for

## TECUMSEH



MODELS

**TVM125 TVM140**  
**V50 V60 V70**  
**VH50 VH60 VH70**

VERTICAL CRANKSHAFT  
 AIR COOLED  
 FOUR-CYCLE ENGINE



THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH IF NOT FOLLOWED COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL AND ANY PROVIDED WITH THE EQUIPMENT ON WHICH THIS ENGINE IS USED BEFORE ATTEMPTING TO OPERATE YOUR TECUMSEH ENGINE.



THESE SYMBOLS MAY APPEAR ON THE ENGINE:



FAST



SLOW



STOP



FULL



OFF

CHOKE

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181-377-1

## OIL & FUEL RECOMMENDATIONS

To start and operate your Tecumseh engine, you will need the following:

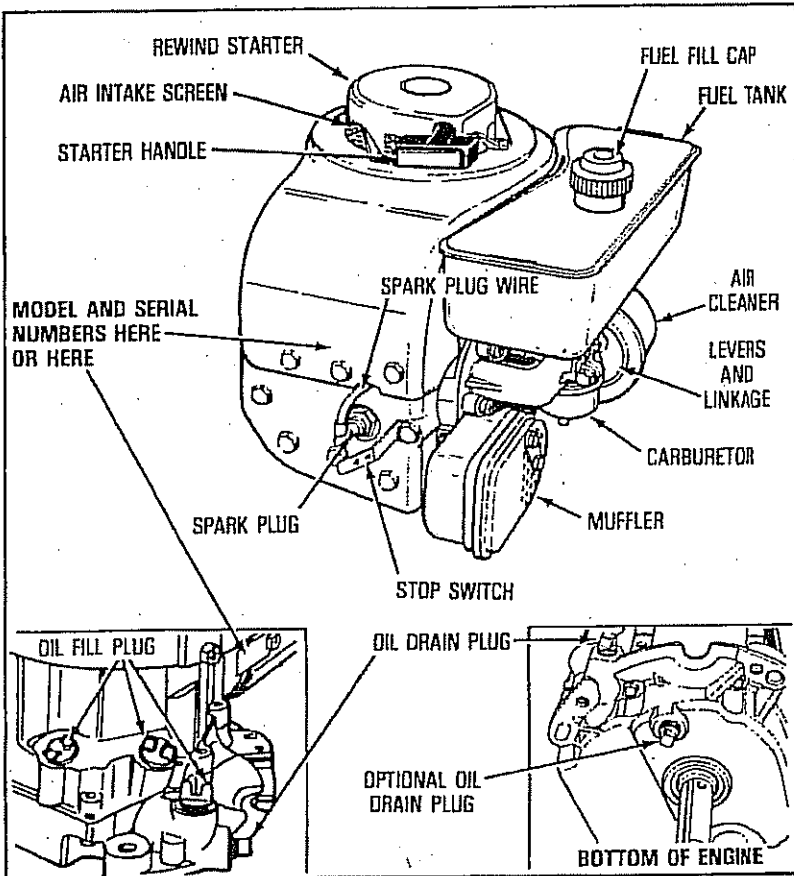
- A CLEAN, HIGH QUALITY, DETERGENT OIL.**  
 Be sure original container is marked:  
 A.P.I. service "SF," "SE," "SD" or "SC."  
**DO NOT USE SAE10W40 OIL.**  
**FOR SUMMER (ABOVE 32°F) USE SAE 30 OIL.**  
 (SAE10W30 is an acceptable substitute.)  
**FOR WINTER (BELOW 32°F) USE SAE 5W20 or 5W30 OIL.** (SAE10W is an acceptable substitute.)  
**(BELOW 0°F ONLY):**  
 SAE10W OIL diluted with 10% kerosene is an acceptable substitute.  
 SAE0W30 OIL is an acceptable substitute.

Oil Sump capacity is approximately 27 ounces (1-3/4 pints).

- A FRESH, CLEAN, UNLEADED AUTOMOTIVE GASOLINE.** (Leaded "Regular" grade gasoline is an acceptable substitute).

**NOTE: DO NOT USE GASOLINE CONTAINING METHANOL (WOOD ALCOHOL).** Gasoline containing a maximum of 10% ethanol or grain alcohol (sometimes called "Gasohol") may be used but requires special care when engine is unused for extended periods. See "STORAGE" instructions on Page 5.

**NOTE:** Use clean oil and fuel and store in approved, clean covered containers. Use clean fill funnels.



(continued on Page 2)

Figure 1

## PRE-START INSTRUCTIONS

- ① Read all instructions provided with the equipment on which this engine is used.
- ② **FILL OIL SUMP WITH OIL.** See preceding "OIL & FUEL RECOMMENDATIONS," Item ① for correct oil and Figure 1 for oil fill locations.  
**POSITION EQUIPMENT SO ENGINE IS LEVEL.**  
Remove OIL FILL PLUG and DIPSTICK and place it on a clean surface.  
Fill oil sump, slowly, to "full" mark on DIPSTICK or until oil flows from oil fill hole on models without DIPSTICK. DO NOT OVERFILL. OIL FILL PLUG must be seated fully and tightened and/or locked securely into oil fill hole when checking oil level.
- ③ Oil level should be checked frequently during initial engine break-in period. OIL FILL PLUG must be seated fully and tightened and/or locked securely into oil fill hole when engine is running.

### ④ OIL AIR CLEANER FILTER

If your engine is equipped with a FOAM TYPE FILTER (see Figure 6), proceed as follows:

- A. Remove FILTER per "SERVICE AIR CLEANER" instructions on Page 4.
- B. Saturate FILTER with engine oil and squeeze to distribute oil and remove excess oil.
- C. Re-install FILTER per "SERVICE AIR CLEANER" instructions on Page 4.

- ⑤ **FILL FUEL TANK** with gasoline as specified in the preceding "OIL & FUEL RECOMMENDATIONS," Item ② (Page 1).

### NEVER MIX OIL WITH GASOLINE

Never use "stale" gasoline left over from last season or stored for long periods.

**NEVER FILL FUEL TANK INDOORS. NEVER FILL FUEL TANK WHEN ENGINE IS RUNNING OR WHILE ENGINE IS HOT.**

**NEVER FILL FUEL TANK COMPLETELY. FILL TANK TO WITHIN 1/4 TO 1/2 INCH OF TOP OF TANK TO PROVIDE SPACE FOR FUEL EXPANSION. WIPE ANY FUEL SPILLAGE FROM ENGINE AND EQUIPMENT BEFORE STARTING ENGINE.**

- ⑥ **CHECK THE FOLLOWING** before attempting to start your engine:

**A. BE SURE EQUIPMENT IS IN NEUTRAL GEAR WITH CLUTCHES, BELTS, CHAINS, ETC., DISENGAGED. (FOLLOW EQUIPMENT MANUFACTURER'S INSTRUCTIONS.) THIS SHOULD PLACE ANY SAFETY SWITCHES IN SAFE STARTING POSITION.**

- B. Be sure SPARK PLUG WIRE is attached to SPARK PLUG (see Figure 1).
- C. Be sure STOP SWITCH next to SPARK PLUG (if so equipped) is not contacting SPARK PLUG (see Figure 1).
- D. Be sure any ignition switch on engine or equipment is in ON, RUN or START position.
- E. Be sure FUEL SHUT-OFF VALVE (if so equipped) is open.
- F. Be sure FUEL FILL CAP air vent is open.

## STARTING INSTRUCTIONS

**NEVER RUN ENGINE INDOORS OR IN ENCLOSED, POORLY VENTILATED AREAS. ENGINE EXHAUST CONTAINS CARBON MONOXIDE, AN ODORLESS AND DEADLY GAS.**

**KEEP HANDS, FEET, HAIR AND LOOSE CLOTHING AWAY FROM ANY MOVING PARTS ON ENGINE AND EQUIPMENT.**

**WARNING — TEMPERATURE OF MUFFLER AND NEARBY AREAS MAY EXCEED 150°F (65°C). AVOID THESE AREAS.**

NOTE — If engine is remotely controlled, see equipment manufacturer's instructions for remote control positions which correspond to engine control positions in Figure 3.

- ① **COLD ENGINE START** (Engine has not been run recently).

- A. Move CONTROL LEVER (see Figure 3) on engine or remote control on equipment to CHOKE or START position.
- B. START ENGINE — Proceed with the following instruction: 1. REWIND STARTER, 2. ROPE STARTER or 3. ELECTRIC STARTER depending on type of starter.

### 1. REWIND STARTER (see Figures 2 and 3)

- A. Grasp STARTER HANDLE (see Figure 2) and pull rope out, slowly, until it pulls slightly harder. Let rope re wind slowly.
- B. Pull rope with a rapid continuous full arm stroke. Let rope rewind SLOWLY. Don't let STARTER HANDLE snap back against starter.
- C. Repeat preceding instructions A and B until engine fires and when engine starts, move CONTROL LEVER on engine or remote control on equipment to HIGH SPEED position and then to RUN RANGE.

If engine falters, move CONTROL LEVER on engine or remote control on equipment to CHOKE position and then to HIGH SPEED and RUN RANGE.

NOTE: If engine fires, but fails to start, move CONTROL LEVER on engine or remote control on equipment to HIGH SPEED position and repeat preceding instructions A and B until engine starts.

If engine again fires, but fails to start, repeat preceding instructions A, B and C until engine starts.

### 2. ROPE STARTER (see Figure 2)

Insert rope knot into starter PULLEY notch and wind rope, clockwise, around PULLEY. Follow all preceding REWIND STARTER instructions except rewind rope manually.

### 3. ELECTRIC STARTER — 12 VOLT D.C. (see Figures 2 and 3)

- A. Press starter button or turn IGNITION SWITCH KEY (see Figure 2) per equipment manufacturer's instructions to activate starter motor and crank engine.
- B. Crank engine until engine fires and when engine starts, move CONTROL LEVER (see Figure 3) on engine or remote control on equipment to HIGH SPEED position and then to RUN RANGE.

If engine falters, move CONTROL LEVER on engine or remote control on equipment to CHOKE position and then to HIGH SPEED and RUN RANGE.

NOTE: If engine fires, but fails to start, move CONTROL LEVER on engine or remote control on equipment to HIGH SPEED position and crank engine until engine starts.

② **WARM ENGINE START** (Engine still warm from recent running).

**NOTE** — Warm engine may start without choking.

A. Move **CONTROL LEVER** (see Figure 3) on engine or remote control on equipment to **HIGH SPEED** position.

B. **START ENGINE** — Proceed with the following instruction: 1. **REWIND STARTER**, 2. **ROPE STARTER** or 3. **ELECTRIC STARTER** depending on type of starter.

1. **REWIND STARTER** (see Figures 2 and 3)

A. Grasp **STARTER HANDLE** (see Figure 2) and pull rope out, slowly, until it pulls slightly harder. Let rope rewind slowly.

B. Pull rope with a rapid continuous full arm stroke. Let rope rewind **SLOWLY**. Don't let **STARTER HANDLE** snap back against starter.

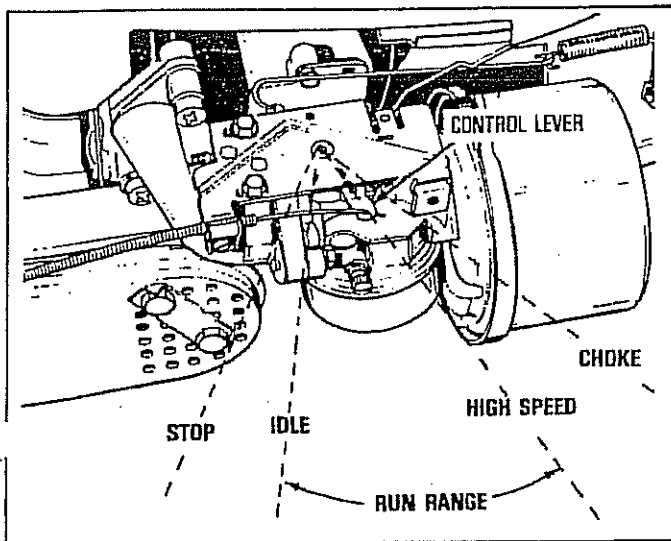
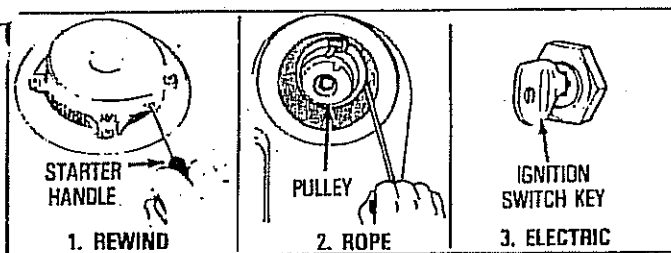
C. Repeat preceding instructions A and B until engine starts.

If engine falters, move **CONTROL LEVER** on engine or remote control on equipment to **CHOKE** position and then to **HIGH SPEED** and **RUN RANGE**.

**NOTE:** If engine fails to start after a reasonable number of starting attempts, follow preceding "**COLD ENGINE START**" instructions.

2. **ROPE STARTER** (see Figure 2)

Insert rope knot into starter **PULLEY** notch and wind rope, clockwise, around **PULLEY**. Follow all preceding **REWIND STARTER** instructions except rewind rope manually.



3. **ELECTRIC STARTER** — 12 VOLT D.C. (see Figures 2 and 3)

A. Press starter button or turn **IGNITION SWITCH KEY** (see Figure 2) per equipment manufacturer's instructions to activate starter motor and crank engine.

B. Crank engine until engine starts.

If engine falters, move **CONTROL LEVER** on engine or remote control on equipment to **CHOKE** position and then to **HIGH SPEED** and **RUN RANGE**.

**NOTE:** If engine fails to start after a reasonable number of starting attempts, follow preceding "① **COLD ENGINE START**" instructions.

## TO STOP ENGINE

① Move remote control on equipment or any ignition stop switch on engine to **STOP** or **OFF** position (see equipment manufacturer's instructions).

② Push **STOP SWITCH** (see Figure 1) located next to **SPARK PLUG** on engine (if so equipped) against **SPARK PLUG** and hold it in this position until engine is completely stopped.

③ **AFTER ENGINE IS STOPPED:**

A. Close fuel shut-off valve (if so equipped).

B. Close **FUEL FILL CAP** air vent (if so equipped).

⚠ C. **DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG AND PLACE IT WHERE IT CAN NOT CONTACT SPARK PLUG.**

⚠ D. **TURN IGNITION SWITCH KEY IF SO EQUIPPED TO "OFF" POSITION AND REMOVE KEY FROM SWITCH. THIS WILL REDUCE THE POSSIBILITY OF UNAUTHORIZED STARTING OF ENGINE WHILE EQUIPMENT IS NOT IN USE.**

⚠ E. **NEVER STORE ENGINE WITH FUEL IN TANK IN DOORS OR IN ENCLOSED, POORLY VENTILATED ENCLOSURES, WHERE FUEL FUMES MAY REACH AN OPEN FLAME, SPARK OR PILOT LIGHT AS ON A FURNACE, WATER HEATER, CLOTHES DRYER, ETC.**

## MAINTENANCE

⚠ **WARNING — TEMPERATURE OF MUFFLER AND NEARBY AREAS MAY EXCEED 160°F (65°C). AVOID THESE AREAS.**

① **CHECK OIL LEVEL REGULARLY.**

**POSITION EQUIPMENT SO ENGINE IS LEVEL.**

Check level every five (5) operating hours or each time equipment is used. Always clean area around **OIL FILL PLUG** (see Figure 1) before removing plug, to avoid contaminating oil with dirt, grass clippings, etc. Add oil as necessary. **DO NOT RUN ENGINE UNLESS PROPER OIL LEVEL IS MAINTAINED. LEVEL MUST BE BETWEEN "FULL" AND "ADD" MARK ON DIPSTICK OR TO OVERFLOW POINT IN FILL HOLE ON ENGINE WITHOUT DIPSTICK.** See Instructions ② and ③ in preceding "**PRE-START INSTRUCTIONS**" (Page 2).

② **CHANGE OIL** — after first two (2) hours of operation and every twenty-five (25) hours thereafter, or more often if operated in extremely dusty or dirty areas.

**DRAIN OIL** — Position equipment so that engine **OIL DRAIN PLUG** (see Figure 1) is lowest point on engine. Remove **OIL DRAIN PLUG** and **OIL FILL PLUG** (while engine is still warm) and allow oil to drain completely.

Replace **OIL DRAIN PLUG** and tighten securely. Refill oil sump with new oil of proper viscosity and service classification per preceding "**OIL & FUEL RECOMMENDATIONS**" (Page 1). Replace **OIL FILL PLUG** and tighten securely. See Instructions ② and ③ in preceding "**PRE-START INSTRUCTIONS**" (Page 2).

## SERVICE AIR CLEANER

Your engine may be equipped with a DRY TYPE PAPER FILTER as in Figure 4 or a FOAM TYPE FILTER as in Figure 6. Proceed with the following applicable instruction A or B depending on type of filter:

### DRY TYPE PAPER FILTER (see Figure 4)

Replace FILTER once a year or more often if used in extremely dusty or dirty conditions.

### DO NOT ATTEMPT TO CLEAN OR OIL FILTER.

Replacement FILTERS are available at any Authorized Tecumseh Service Outlet.

To install new FILTER, proceed as follows:

1. Loosen two COVER SCREWS (These need not be removed completely).
2. Turn COVER counterclockwise and remove it and FILTER from BASE. Discard FILTER.
3. Clean inside of BASE and COVER thoroughly.
4. Insert new FILTER into COVER and reassemble COVER to BASE as it was before removal. Tighten COVER SCREWS securely.

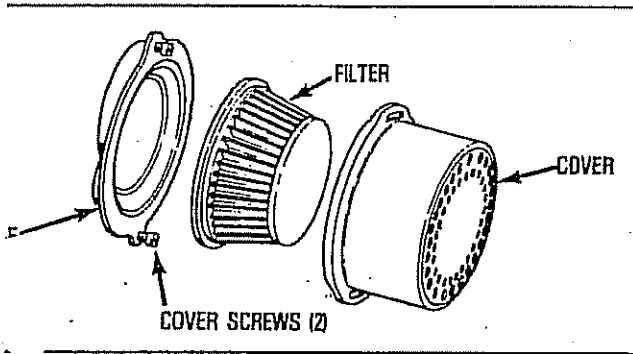


Figure 4

### B. FOAM TYPE FILTER (see Figure 6).

Inspect FILTER every twenty-five (25) operating hours, or more often if used in extremely dusty or dirty areas. Proceed as follows:

#### TO INSPECT FILTER:

1. Loosen two COVER SCREWS (these need not be removed completely).
2. Rotate COVER counterclockwise and remove from BASE.
3. Inspect FILTER for discoloration and/or dirt accumulation. If either is present, FILTER should be cleaned and re-oiled.

#### TO CLEAN AND RE-OIL FILTER:

1. Wash FILTER by immersing in water and detergent solution and squeezing until all dirt is removed.
2. Rinse FILTER thoroughly in clear water.
3. Dry FILTER by wrapping in a clean cloth and squeezing until completely dry.
4. Saturate FILTER with engine oil and squeeze to distribute oil and remove excess oil.
5. Before replacing FILTER, clean inside of BASE and COVER thoroughly.
6. Replace FILTER and COVER making sure that FILTER is seated correctly between BASE and COVER. Tighten COVER SCREWS securely.

**NEVER RUN ENGINE WITHOUT COMPLETE AIR CLEANER INSTALLED ON ENGINE.**

### 4 COOLING SYSTEM - Clean frequently.

Remove any grass clippings, dirt ect, from COOLING FINNS, AIR INTAKE SCREEN and LEVERS AND LINKAGE (see Figure 1). This will help ensure adequate cooling and correct engine speed.

### 5 SPARK PLUG - Check periodically.

A. Clean area around SPARK PLUG base.

B. Remove and inspect SPARK PLUG.

C. Replace SPARK PLUG if electrodes are pitted or burned or if porcelain is cracked. For replacement use Champion J-8 or Autolite 356 or equivalent.

NOTE: If engine has a Champion RJ-17LM resistor SPARK PLUG it should be replaced with a Champion RJ-17LM only. See Page 6 for "CANADIAN RADIO FREQUENCY INTERFERENCE REGULATION COMPLIANCE" information.

D. If reusing SPARK PLUG clean it by carefully scraping electrodes (Don't wire brush or sand blast). Be sure entire SPARK PLUG is clean.

E. Check electrodes gap with wire feeler gauge and set gap at .030 if necessary.

F. Install SPARK PLUG in engine and tighten to 15 foot pounds torque or if lacking torque wrench, tighten securely.

### 6 3 AMP. ALTERNATOR (see Figure 5)

A. If fuse replacement becomes necessary, remove FUSE HOLDER CAP by pushing in and turning counterclockwise. Remove FUSE and replace with a 3AG 6 AMP - 32 volt fuse. Replace FUSE HOLDER CAP by pushing in and turning clockwise until tight.

#### B. RECTIFIER

A heavy duty rectifier is an integral part of the alternator lead coming out of the engine and normally does not require servicing.

### 7 7 AMP ALTERNATOR

If electrical malfunctions such as inoperative starter, discharged battery etc., are encountered, see equipment manufacturer's instructions for fuse replacement and other electrical repairs.

### 8 BATTERY SERVICE

When servicing battery, be sure to connect cables to battery exactly as they were before removal. If incorrectly connected, alternator will not charge battery. If this happens, replace fuse in 3 AMP system and see equipment manufacturer's instructions for 7 AMP system.

### 9 CHECK ENGINE AND EQUIPMENT FREQUENTLY FOR LOOSE NUTS, BOLTS, ATTACHMENTS, ETC., AND KEEP THESE ITEMS TIGHTENED.

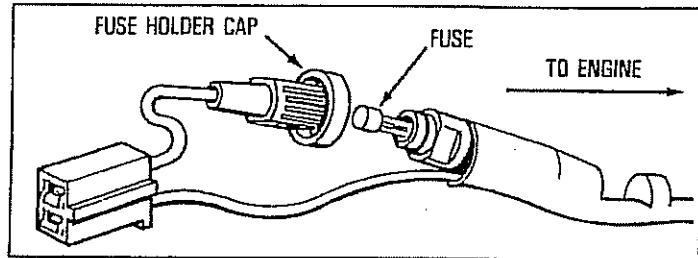


Figure 5

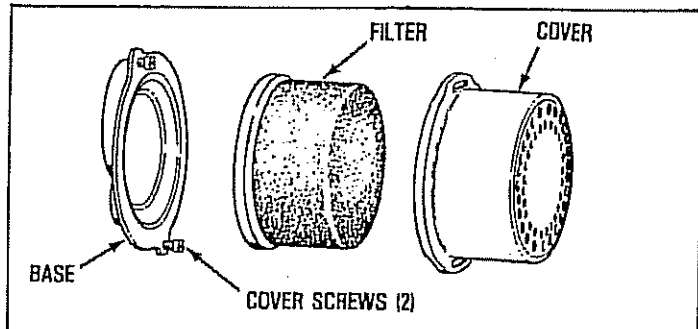


Figure 6

## ADJUSTMENTS

DO NOT MAKE UNNECESSARY ADJUSTMENTS. FACTORY SETTINGS ARE SATISFACTORY FOR MOST APPLICATIONS AND CONDITIONS. IF ADJUSTMENTS ARE NEEDED, PROCEED AS FOLLOWS:

### 1) CARBURETOR ADJUSTMENTS (see Figure 7)

HIGH SPEED ADJUST NEEDLE is pre-set at the factory.

TVM125-140: 1-1/4 turns open.

V50-60-70: 1-1/2 turns open.

VH50-60-70: 1-1/2 turns open.

Re-adjustment should not be necessary.

A. Close IDLE ADJUST NEEDLE by turning clockwise. Close finger tight only. Forcing may cause damage.

B. Open IDLE ADJUST NEEDLE by turning counterclockwise.

TVM125-140: 3/4 turn open.

V50-60-70: 1 turn open.

VH50-60-70: 1 turn open.

C. Start engine. Follow preceding STARTING INSTRUCTIONS. Run engine a few minutes to warm it up.

D. With engine running at IDLE speed, adjust IDLE ADJUST NEEDLE 1/8 turn at a time, clockwise and counterclockwise, until engine runs smoothly.

Allow several seconds between each adjustment for engine to adapt to new setting.

### 2) REMOTE CONTROL ADJUSTMENTS (see Figure 7)

To obtain satisfactory engine performance, the engine and remote equipment controls must be adjusted properly. If it is necessary to check the engine control adjustments, proceed as follows:

A. Set remote equipment control at fast or high speed and keep in this position.

B. Loosen CLAMP SCREW just enough so the REMOTE CONTROL CABLE can be moved in CABLE CLAMP (do not remove CABLE CLAMP from CONTROL BRACKET or disconnect REMOTE CONTROL CABLE from CONTROL LEVER.)

C. Move CONTROL LEVER into HIGH SPEED and hold in this position.

D. Tighten CLAMP SCREW securely so that CABLE CLAMP will hold cable casing in place when remote equipment control is used. The engine should now run at the desired speed when remote equipment control is set at fast or HIGH SPEED, should stop engine when control is in STOP position, or choke engine when in CHOKE position.

3) NEVER TAMPER WITH ENGINE GOVERNOR WHICH IS FACTORY SET FOR PROPER ENGINE SPEED. OVERSPEEDING ENGINE ABOVE FACTORY HIGH SPEED SETTING CAN BE DANGEROUS. IF YOU THINK THE ENGINE GOVERNED HIGH SPEED NEEDS ADJUSTING, CONTACT YOUR NEARBY AUTHORIZED TECUMSEH SERVICE OUTLET, WHO HAS THE PROPER EQUIPMENT AND EXPERIENCE TO MAKE ANY NECESSARY ADJUSTMENTS.

CHANGING OF ENGINE GOVERNED SPEED WILL VOID ENGINE WARRANTY.

## STORAGE

NEVER STORE ENGINE WITH FUEL IN TANK INDOORS OR IN ENCLOSED, POORLY VENTILATED ENCLOSURES, WHERE FUEL FUMES MAY REACH AN OPEN FLAME, SPARK OR PILOT LIGHT AS ON A FURNACE, WATER HEATER, CLOTHES DRYER, ETC.

If engine is to be un-used for 30 days or more, prepare as follows:

1) Remove all gasoline from CARBURETOR and FUEL TANK to prevent gum deposits from forming on these parts and causing possible malfunction of engine.

DRAIN FUEL INTO APPROVED CONTAINER OUTDOORS, AWAY FROM OPEN FLAME

A. Run engine until FUEL TANK is empty and engine stops due to lack of fuel.

B. Disconnect FUEL LINE at CARBURETOR or FUEL TANK. Be very careful not to damage FUEL LINE, Fittings or FUEL TANK.

Drain any remaining fuel from System

NOTE: If "Gasohol" has been used, complete preceding instructions "A" and "B" and then put a small amount of unleaded (or leaded regular) gasoline into fuel tank and repeat preceding instructions "A" and "B".

2) If oil has not been changed recently, this may be a good time to do it. See "CHANGE OIL" instructions in "MAINTENANCE" section.

3) Remove SPARK PLUG and pour one (1) ounce (0,029 Liter) of engine oil into spark plug hole. Crank engine over, slowly, several times.

AVOID SPRAY FROM SPARK PLUG HOLE WHEN CRANKING ENGINE OVER SLOWLY.

Replace SPARK PLUG.

4) Clean engine by removing any clippings, dirt, or chaff from exterior of engine.

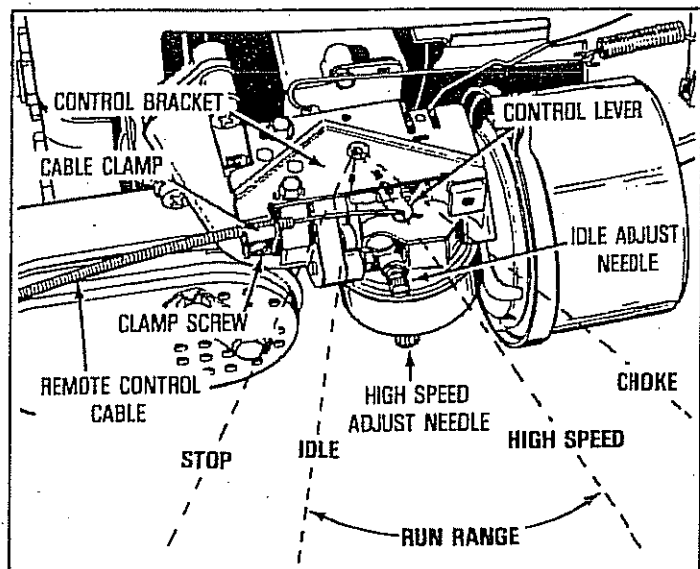


Figure 7

## CANADIAN RADIO FREQUENCY INTERFERENCE REGULATION COMPLIANCE:

If your engine is equipped with a Champion RJ-17LM resistor spark plug, it is in compliance with the radio noise limitations order (radio frequency interference) issued by the Ministry of Communications of the Canadian Telecommunications Regulations Branch.

**COMPLIANCE WITH RADIO INTERFERENCE REGULATIONS CERTIFIED.  
CERTIFIÉ CONFORME AU RÈGLEMENT SUR LE BROUILLAGE RADIO ELECTRIQUE.**

To remain in compliance a Champion RJ-17LM resistor spark plug must be used for any replacement.



For engine adjustments, repairs, or warranty service not covered in this manual, contact your nearest AUTHORIZED TECUMSEH SERVICE OUTLET. He is listed in your telephone book yellow pages under "Engines, Gasoline."

Tecumseh manufactures and is responsible only for the engine used on this power equipment. If repair or service is needed for unit, other than engine, contact service source as recommended by equipment manufacturer.

### LIMITED WARRANTY FOR NEW TECUMSEH ENGINES

#### A. Products Warranted

Tecumseh Products Company ("Tecumseh"), subject to the exclusions and limitations contained below, will, at its option, repair or replace, without charge for parts or labor only, any part of a new Tecumseh engine (EXCEPT any new engine used to power two-wheeled riding type vehicle or chain saw) which is found upon examination by any Tecumseh Authorized Service Outlet or by Tecumseh's factory in Grafton, Wisconsin to be DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP if received by Tecumseh or a Tecumseh Authorized Service Outlet for such examination within ONE YEAR (TWO years for Snow King, walk-behind snowthrower application engines; 18 months for TVXL105 and TVS105XU) from the date of sale to the original purchaser. New Tecumseh engines used to power two-wheeled riding type vehicles (including, by way of example but not limited to, mini-bikes, trail bikes and scooters) are warranted in the same manner and to the same extent EXCEPT that such new engines are warranted for NINETY (90) DAYS ONLY, and must be received by Tecumseh or a Tecumseh Authorized Service Outlet for such examination within 90 days from the date of sale to the original purchaser. New Tecumseh engines used to power any chain saw are warranted in the same manner and to the same extent EXCEPT that such engines are warranted for THIRTY (30) DAYS ONLY, and must be received by Tecumseh or a Tecumseh Authorized Service Outlet for such examination within 30 days from the date of sale to the original purchaser.

#### B. Products And Items Not Warranted

- Engines used in competitive racing or on commercial or rental tracks.  
This warranty does not cover any Tecumseh engine or part(s) thereof used to power any vehicle in competitive racing and/or used on any commercial or rental track.
- Engines or parts not manufactured or sold new by Tecumseh.  
This warranty does not cover any engine or part thereof which was not manufactured or sold, as new, by Tecumseh to the original purchaser.
- Alterations or modifications of new Tecumseh engines or parts.  
All obligations under this warranty shall be terminated if the new Tecumseh engine or part thereof is altered or modified in any way.
- Accidents, normal maintenance, failure to follow the original equipment manufacturer's manual.  
This warranty covers only new Tecumseh engines and parts thereof which are found upon examination by Tecumseh to be defective in material or workmanship as delivered to the original purchaser. This warranty does not cover defects caused by depreciation or damage caused by normal wear, accidents, improper maintenance, improper use or abuse of the product, or failure to follow the instructions contained in an Instruction Manual for the operation of the new Tecumseh engine or part. The cost of normal maintenance and replacement of service items which are not defective shall be paid for by the original purchaser.

#### C. Securing Warranty Service

Warranty service can be arranged for by contacting either a Tecumseh Authorized Service Outlet (any Tecumseh Registered Service Dealer, Tecumseh Authorized Service Distributor, or Tecumseh Central Warehouse Distributor) or by contacting Tecumseh, c/o Service Manager, Engine and Gear Service Division, 900 North Street, Grafton, Wisconsin 53024. Warranty service can only be performed by a Tecumseh Authorized Service Outlet or by Tecumseh at its factory in Grafton, Wisconsin. At the time of requesting warranty service, evidence must be presented of the date of sale to the original purchaser. The purchaser shall pay any charges for making service calls and/or for transporting the products to and from the place where the inspection and/or warranty work is performed. The purchaser shall be responsible for any damage or loss incurred in connection with the transportation of any engine or any part(s) thereof submitted for inspection and/or warranty work.

#### D. Limitation of Damages and Implied Warranties

The foregoing EXPRESSED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. Neither Tecumseh nor any of its affiliates makes any warranties, representations or promises, written or oral, as to the quality of the engine or any of its parts, other than as set forth herein.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT THAT EITHER MAY APPLY TO ANY TECUMSEH ENGINE OR PART(S) THEREOF, SHALL BE LIMITED IN DURATION TO THE PERIODS OF THE EXPRESSED WARRANTIES DEFINED IN PARAGRAPH A HEREOF. IN NO EVENT WILL TECUMSEH BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES AND/OR EXPENSES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation(s) or exclusion(s) may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

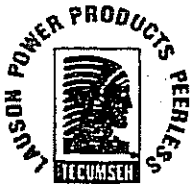
#### E. No Dealer Warranty

Tecumseh neither assumes nor authorizes any other person, natural or corporate, to assume for Tecumseh any other obligations or liabilities in connection with or with respect to any part(s) of a Tecumseh engine. The seller or dealer of part(s) of a Tecumseh engine has no authority, whatsoever, to make any representations or promises on behalf of Tecumseh or to modify the terms or limitations of Tecumseh's warranty in any way.

# TECUMSEH PRODUCTS COMPANY

ENGINE AND GEAR SERVICE DIVISION • 900 NORTH STREET • GRAFTON, WISCONSIN, 53024, U.S.A.





# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
Revised May 1986

## BASIC MODEL

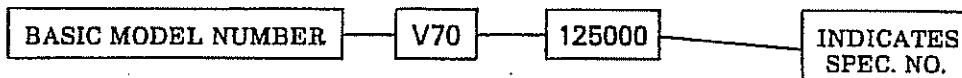
## SPECIFICATION NUMBERS

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VH70 135000, 135000A, 135000B, 135000C, 135001, 135002, 135003, 135004, 135005, 135006, 135007, 135008, 135008A, 135009, 135010, 135011, 135012, 135013, 135014, 135015, 135016, 135016A, 135017, 135017A, 135018, 135018A, 135018B, 135018C, 135019A, 135020A, 135020B, 135021A, 135021B, 135021C, 135022A, 135023A, 135024A, 135025A, 135026B, 135026C

VM70 These specification numbers will be found on page 199, because they are similar to VM80 specification numbers.

## A TYPICAL LAUSON ENGINE MODEL NUMBER AND WHAT IT MEANS



MODEL	HORSEPOWER	BORE	STROKE	DISPLACEMENT
V70	7.00	2-3/4	2-17/32	15.0 C.I.
VH70	7.00	2-3/4	2-17/32	15.0 C.I.

FILE IN:  
DIVISION 3  
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Issued September 1967  
Revised May 1986

# TECUMSEH PRODUCTS COMPANY

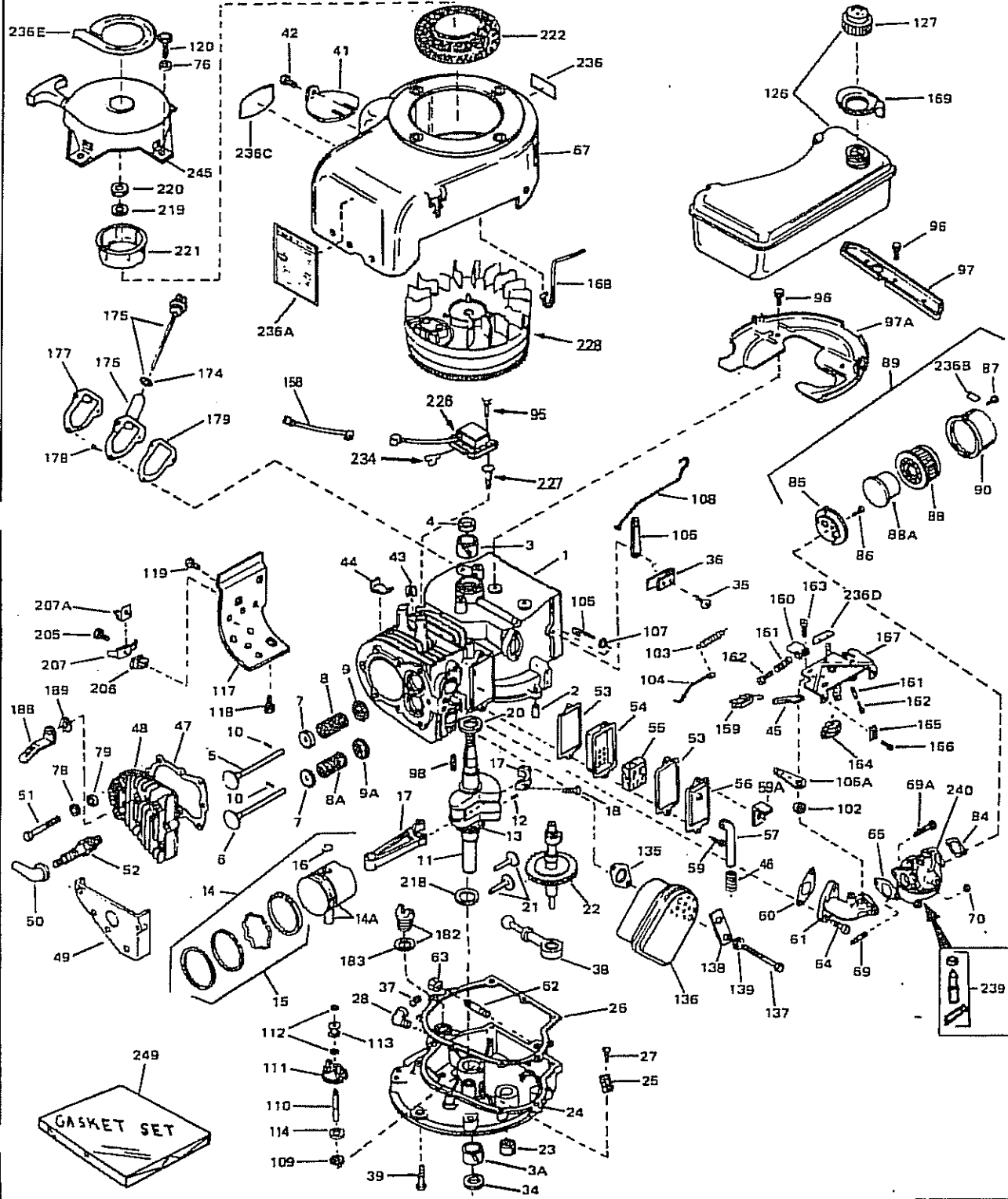
## ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

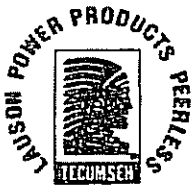


LAUSON MODELS V70, VH70

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY DEM.







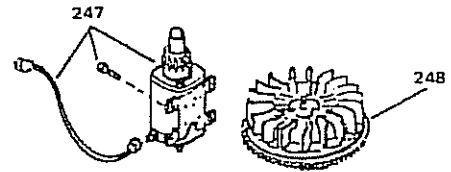
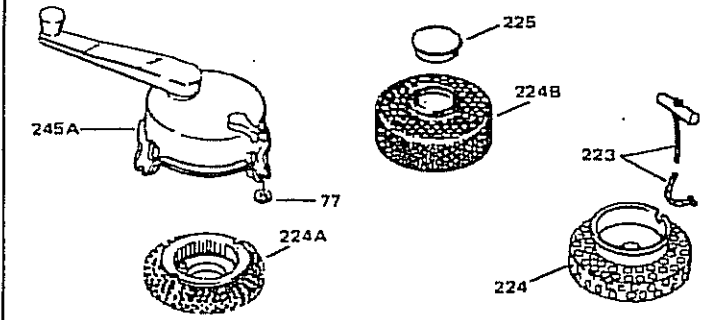
# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

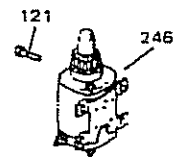
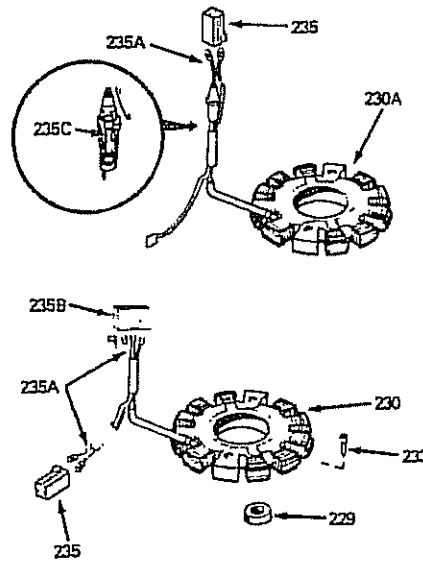
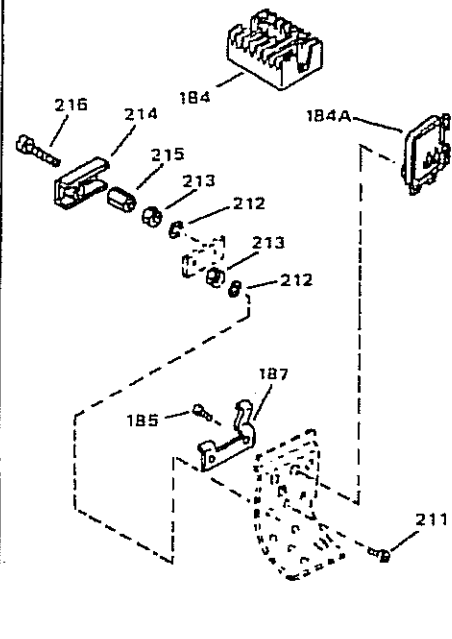
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LAUSON MODELS V70, VH70

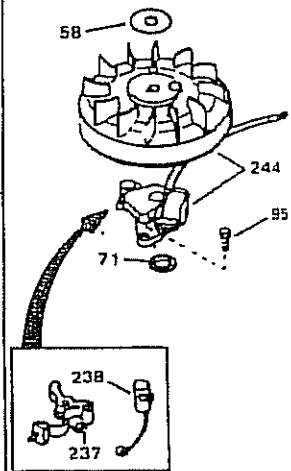
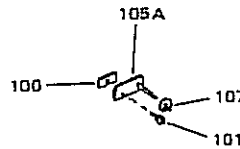
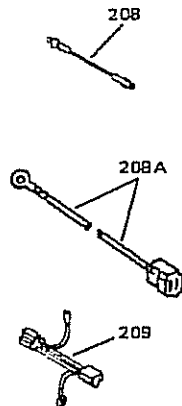
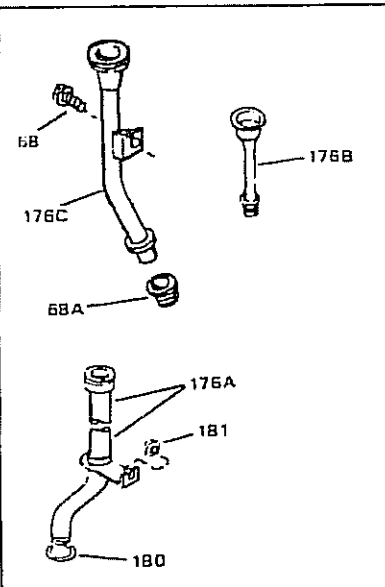
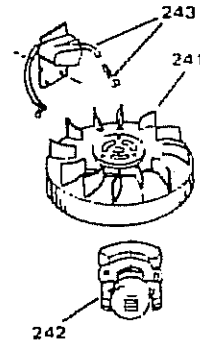
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



OPTIONAL 110 - 120 VOLT  
STARTER MOTOR KIT



SOLID STATE



STD. POINT

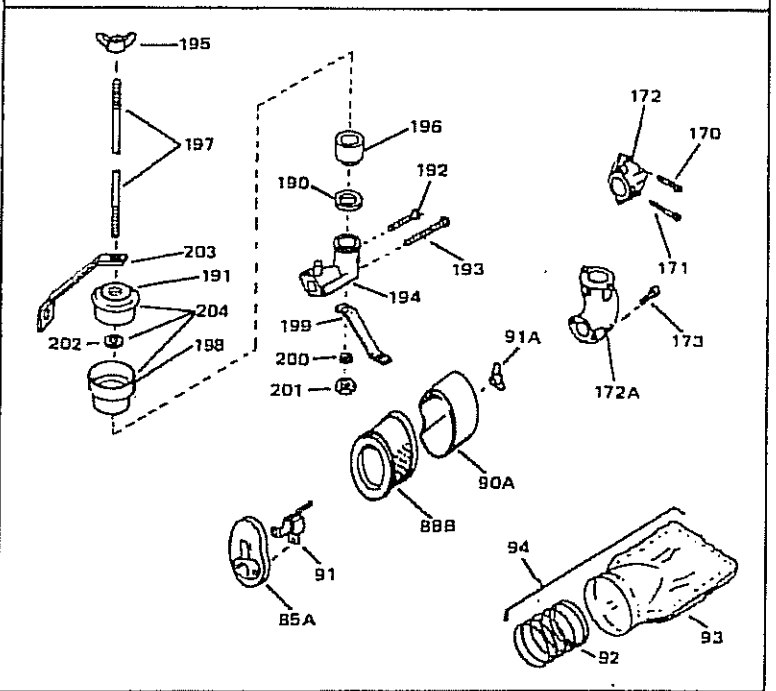
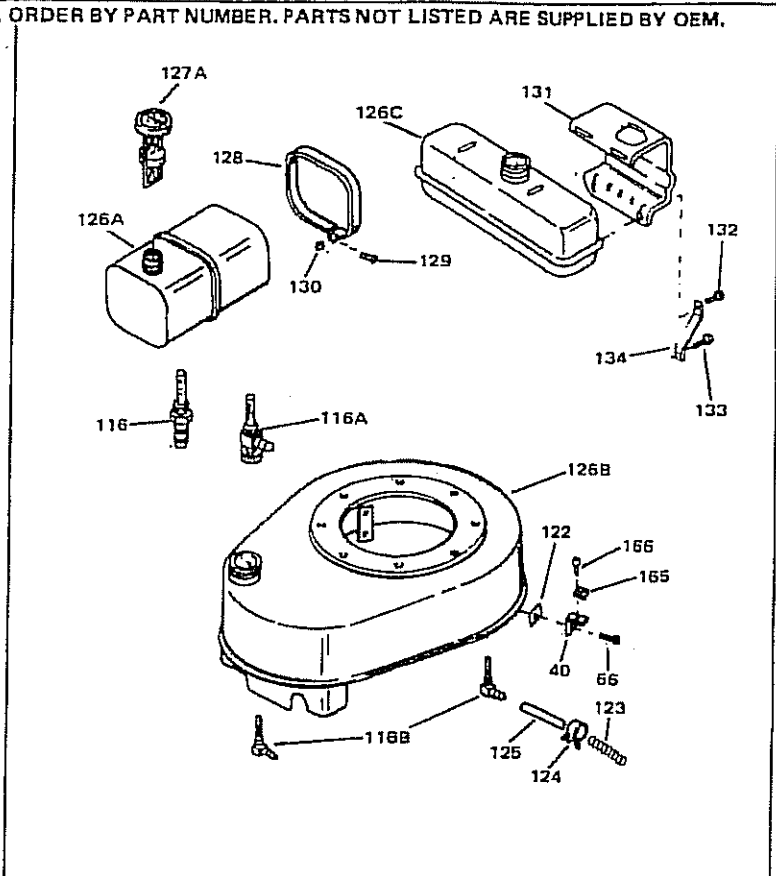
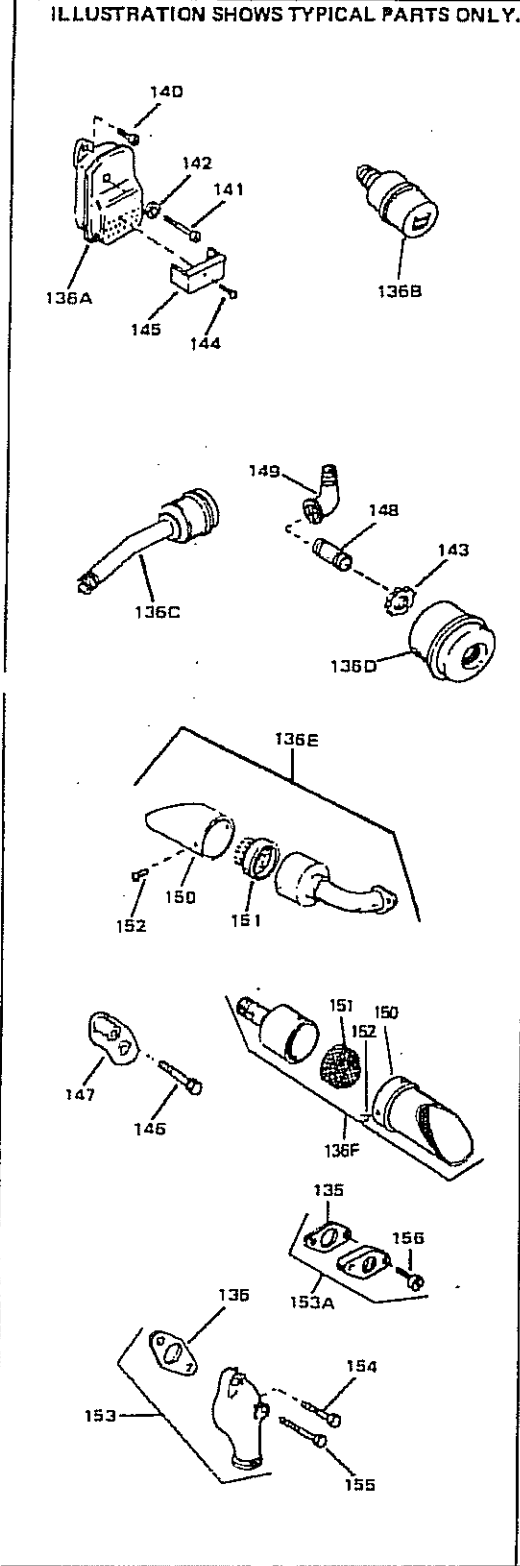
FILE IN:  
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 SECTION A  
 Issued September 1967  
 Revised May 1986

**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
 GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.





# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
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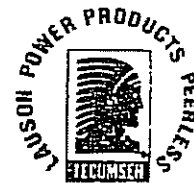
## LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	34172A	Cylinder Assy. (Incl. Nos. 2, 4 & 175) (2-3/4" Bore) Spec. Nos. <u>125000</u> thru 2, 4, 6 thru 38, 41 thru 57, 60 thru 64, 67 thru 120A, 123 thru 259E			85, 87, 90, 91, 95, 96, 98, 99, 112, 119, 121 thru 122C, 125 thru 127A, 132C, 139, 139A, 139C, 144, 144A, 144B, 154 thru 156A, 160, 165, 165A, 172, 181, 181A, 184A, 198A, 207C, 208C, 214C, 217C, 218C, 219C, 223C, 226C, 227C, 228C, 230C, 231C, 235C, 242C, 254C, 257C, <u>135003</u> , 13, 14, 16, 16A, 22A
1	32640	Cylinder Assy. (Incl. Nos. 2, 4, 177, 178 & 179) (2-3/4" Bore) Spec. Nos. <u>125003</u> , 5, 39, 40, 58, 59, 65, 66, 121 thru 122C	11	32703A	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125006</u> , 18, 74 thru 75C, 118, 118A, 147, 166, 166A, 166C, 229C, 252C, 253C, <u>135011</u>
1	32711A	Cylinder Assy. (Cast iron liner) (Incl. Nos. 2, 3, 4, 177, 178 & 179) (2-3/4" Bore) Spec. Nos. <u>135000</u> thru 26C	11	32706A	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125009</u> , 10, 27, 53, 56, 57, 132, 132A, 207A
2	27852	Pin, Dowel	11	32687A	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125011</u> , 12, 32, 41, 42, 47, 49, 83, 83A, 83C, 142, 150, 163, 163A, 176, 176A, 176C, 184 thru 185C, 186 thru 189A, 196A, 197A, 197C, 200A, 202A, 206A, 210C, 211C, 213C, 220C, 221C, 222C, 224C, 225C, 232C, 233C, 234C, 236C, 237C, 243C, 247C, 248C, 250C
3	31481	Bushing, Crankshaft (Use as required)	11	32688	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125013</u> , 25, 33, 48, 50, 82, 141, 161 thru 162C, 164, 164A, 174, 174A, 174C
3A	31462	Bushing, Crankshaft (Use as required)	11	32708	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125014</u> , 30, 64
4	32630	Seal, Oil	11	32840	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125015</u> , 45
5	32783	Valve, Intake (Standard) (Incl. No. 32581)	11	32847	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125046</u> , 72, 120, 120A, 129, 134, 175, 201A, 201C, 203A, 203C, 212C, 238C, 240C, 241C, 245C, 246C, 251C, 255C, 256C
5	32784	Valve, Intake (1/32" oversize) (Incl. No. 32581)	11	32910	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125052</u> , 105, 117, 131, 143, 152, 157
6	27878A	Valve, Exhaust (Standard) (Incl. No. 32581)	11	32939	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>125061</u>
6	27880A	Valve, Exhaust (1/32" oversize) (Incl. No. 32581) All Spec. Nos. <u>except 125084</u> , 85, <u>135012</u> , 22A, 23A, 24A	11	32950	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125067</u> thru 70, 76 thru 79, 81, 92, 97, 100, 101, 102, 108, 109, 110, 159
6	31469A	Valve, Exhaust (Standard) (Incl. No. 32581)	11	32949	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125071</u> , 80
6	31470A	Valve, Exhaust (1/32" oversize) (Incl. No. 32581) Spec. Nos. <u>125084</u> , 85, <u>135012</u> , 22A, 23A, 24A	11	32963	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125085</u> , 103, 103A, 103C, 111
7	27882	Cap, Upper valve spring	11	32925B	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125093</u> , 94, 104, 107, 138, 148, 148, 149, 151C, 168, 169, 177, 190A, 190C, 193A, 195A, 199A, 205A, 239C, <u>135023A</u> , 24A
8	27881	Spring, Valve	11	33029	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125130</u> , 170, 178, 178A, 204A
8A	27881	Spring, Valve	11	34891	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125132D</u> , 217D, 223D, 230D
8A	32190	All Spec. Nos. <u>except 135012</u> , 23A, 24A Spring, Valve (Rotator) Spec. Nos. <u>135012</u> , 23A, 24A	11	33206	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125151</u> , 151A
9	32581	Cap, Lower valve spring	11	34899	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>125151D</u>
9A	32581	Cap, Lower valve spring	11	35464	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>125151E</u>
9A	32189	All Spec. Nos. <u>except 135012</u> , 23A, 24A Cap, Valve (Rotator) Spec. Nos. <u>135012</u> , 23A, 24A			
10	20810	Pin, Valve spring retaining (Use as required)			
11	32638	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125000</u> , 0A, 0C, 2, 20, 34 thru 36, 38, 51, 62, 63, 89, 105, 113 thru 116, 123, 124, 128, 133, 135, 136, 137, 140, 140A, 153, 158, 167, 179 thru 180C, 182 thru 183C, 215C, 216C, 244C, <u>135000</u> , 0A, 2, 4, 6, 19A, 21A			
11	34890	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125000D</u> , 183D, 244D, 246D, 254D, 257D, <u>135000E</u> , 21B			
11	35220	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125000E</u> , 183E, 254E, 257E, 259E, <u>135000C</u> , 18C, 21C, 26C			
11	32639	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125001</u> , 3, 4, 5, 7, 8, 16, 17, 19, 21 thru 24, 26, 28, 29, 37, 39, 40, 43 thru 44, 54, 56, 58, 59, 60, 65, 66, 73, 84.			

(CONT. TOP OF NEXT COLUMN)

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**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
11	34916	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125166D</u> , 229D, 252D, 263D	15	32596	Ring Set, Piston (Std.) (2-3/4")
11	33601	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125171</u> , 171A, 173, 191A, 191C, 192A, 192C	15	32596	Ring Set, Piston (.010 oversize)
11	34873	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125185D</u> , 232D, 234D, 236D, 237D, 247D, 250D, 258D	15	32597	Ring Set, Piston (.020 oversize)
11	34902	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125191D</u> , 192D	16	27888	Ring, Piston pin retaining
11	34198	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>125209C</u>	17	32591C	Rod Assy., Connecting (Incl. No. 18)
11	34907	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>125209D</u>	18	†650862C	Screw, Connecting rod (Two pieces)
11	35334	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>125209E</u>	20	650825	Washer, Thrust (Use as required)
11	34897	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125251D</u> , 255D, 256D	21	34034	Lifter, Valve
11	35267	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>125252E</u> , 253E	22	32114	Camshaft (Mech. Compression Release) All Spec. Nos. <u>except 125084</u> , 93, 94, 190A, 190C, 193A, 195A, 199A, 239C
11	32709	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>135001</u> , 9, 15	22	32297	Camshaft (Mech. Compression Release) (Extended) Spec. Nos. <u>125084</u> , 93, 94
11	(See Note 1) 33019	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>135005</u>	22	34006	Camshaft (Mech. Compression Release) (Extended) Spec. Nos. <u>125190A</u> , 190C, 193A, 195A, 199A, 239C
11	32987	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>135007</u> , 8, 8A, 10, 17 thru 18A, 20A, 25A	23	28926	Seal, Oil
11	33141	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. No. <u>135012</u>	24	31549	Flange, Mounting (Incl. Nos. 23, 34, 37, 110, 182 & 183) Spec. Nos. <u>125084</u> , 93, 94, 190A, 190C, 193A, 195A, 199A, 239C
11	34917	Crankshaft Assy. (Incl. Nos. 12 & 13) Spec. Nos. <u>135018B</u> , 20B, 26B	24	31471C	Flange, Mounting (Incl. Nos. 34, 37, 110, 182 & 183) All Spec. Nos. <u>except 126003</u> , 5, 39, 40, 63, 65, 66, 84, 86, 93 thru 96, 103, 103A, 103C, 106, 111, 119, 121 thru 124, 135, 136, 140, 140A, 156, 156A, 165, 165A, 170, 178, 178A, 180, 180A, 180C, 183, 183A, 190A, 190C, 193A, 195A, 199A, 201A thru 204A, 206A, 207A, 208C, 213C, 218C, 220C, 221C, 230C, 230D, 233C, 238C, 239C, 244C, 244D, <u>135008</u> , 8A, 20A thru 21B, 22A, 25A, 26B, 26C
12	29783	Pin, Crankshaft gear	24	31552C	Flange, Mounting (Incl. Nos. 34, 37, 110, 182 & 183) Spec. Nos. <u>125003</u> , 5, 39, 40, 63, 65, 66, 86, 95, 96, 103, 103A, 103C, 106, 111, 113, 121 thru 124, 135, 136, 140, 140A, 156, 156A, 185, 185A, 180, 180A, 180C, 208C, 218C, 230C, 230D, 237D, 244C, 244D
13	27884	Gear, Crankshaft	24	32221A	Flange, Mounting (Incl. Nos. 3A, 34, 37 & 110) Spec. Nos. <u>125170</u> , 178, 178A, 201A thru 204A, 206A, 213C, 220C, 221C, 233C, 238C, <u>135008</u> , 8A, 20A, 20B
14	34517	Piston, Pin & Ring Assy. (Std.) Incl. Nos. 14A, 15 & 16) (2-3/4")	24	32460	Flange, Mounting (Incl. Nos. 34, 37 & 110) Spec. Nos. <u>125183</u> , 183A, 207A, <u>135021A</u> , 21B, 21C, 22A, 25A, 26B, 26C
14	34518	Piston, Pin & Ring Assy. (.010 oversize) (Incl. Nos. 14A, 15 & 16)	26	31355	Screen, Oil strainer (Not used in late production)
14	34519	Piston, Pin & Ring Assy. (.020 oversize) (Incl. Nos. 14A, 15 & 16) Spec. Nos. <u>125000</u> thru 259E	26	*30684	Gasket, Mounting flange
14	34528	Piston, Pin & Ring Assy. (Std.) Incl. Nos. 14A, 15 & 16) (2-3/4")	27	†29117	Screw, Hex hd. shakeproof, 8-32 x 5/16 (Not used in late production)
14	34529	Piston, Pin & Ring Assy. (.010 oversize) (Incl. Nos. 14A, 15 & 16)	28		Elbow, Street 90° (By local)
14	34530	Piston, Pin & Ring Assy. (.020 oversize) (Incl. Nos. 14A, 15 & 16) Spec. Nos. <u>135000</u> thru 26C	34	27897	Spec. Nos. <u>125183</u> thru 183E, <u>135025A</u>
14A	32592B	Piston & Pin Assy. (Std.) (Incl. No. 16) (2-3/4")	35	†650548	Seal, Oil
14A	32593B	Piston & Pin Assy. (.010 oversize) (Incl. No. 16)	36	31336	Screw, Hex washer hd., 8-32 x 5/16 Clamp, Governor
14A	32594B	Piston & Pin Assy. (.020 oversize) (Incl. No. 16) Spec. Nos. <u>125000</u> thru 259E			
14A	32770B	Piston & Pin Assy. (Std.) (For cast iron liner cyl.) (Incl. No. 16) (2-3/4")			
14A	32771B	Piston & Pin Assy. (.010 oversize) (Incl. No. 16)			
14A	32772B	Piston & Pin Assy. (.020 oversize) (Incl. No. 16) Spec. Nos. <u>135000</u> thru 26C			



# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
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## LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
37	†27642	Plug, Drain (1/4-18 sq. hd.) All Spec. Nos. <u>except</u> 125074 thru 75C, 147, 148, 149, 168, 169, 214C, 228C, 229C, 229D, 252C, 252D, 252E, 135001, 5, 8, 8A, 9, 15, 20B, 26B, 26C	46	34568	124, 127A, 129, 130, 133, 134, 138, 148, 149, 153, 154, 168, 169, 177, 194A, 198A, 218C, 230C, 230D, 135008, 8A, 20A, 20B, 23A, 24A, 26B, 26C
37	†28582	Plug, Drain (1/4-18 Hex countersunk headless) Spec. Nos. 125016, 17, 43, 43A, 43C, 103A, 103C, 132C, 132D, 139, 139A, 139C, 156, 166A, 163 thru 165A, 174, 174A, 174C, 176, 176A, 176C, 180A, 180C, 187A, 188A, 196A, 197A, 197C, 202A, 206A, 208C, 210C, 211C, 213C, 217C, 217D, 219C thru 225C, 233C, 234C, 234D, 237C, 237D, 243C, 244C, 244D, 247C, 247D, 250C, 250D, 258D	47	*32631	Spring, Breather tube Spec. Nos. 135023A, 24A
38	31356	Pump Assy., Oil	48	30938A	Gasket, Cylinder head
39	†660488	Screw, Hex hd. Sems, 1/4-20 x 1-1/4 Spec. Nos. 125009 thru 259E	49	30939A	Head, Cylinder (Incl. 3 of No. 51)
39	†30564	Screw, Hex hd. Sems, 1/4-20 x 1 Spec. Nos. 135009 thru 26C	50	610118	Cover, Cylinder head
40	31990	Bracket, Bowden wire Spec. Nos. 125061, 119, 146, 156, 135005, 9	50	27276	Cover, Spark plug (Use as required) Cover, Spark plug Spec. Nos. 125041, 42, 51, 52, 63, 90, 101, 103 thru 104, 106, 107, 111, 120, 120A, 123, 129, 133, 138, 146, 164, 164A, 167, 171, 171A, 173 thru 174C, 177, 187A, 188A, 189A, 191A thru 193A, 196A, 197A, 197C, 199A, 200A, 203A, 203C, 206A, 210C, 213C, 220C, 222C, 224C, 226C, 227C, 233C, 234C, 234D, 235C, 243C, 246C, 246D, 247C, 247D, 248C, 258D, 135003, 6, 7, 10, 12, 14, 16 thru 18C, 23A, 24A
41	33013	Cover, Starter bubble Spec. Nos. 125006, 7, 24, 43, 43A, 43C, 62, 118, 118A, 140, 140A, 151A, 155, 161 thru 162C, 164A, 166 thru 166D, 172, 174, 174A, 174C, 178, 178A, 180, 180A, 180C, 182, 182A, 197A, 197C, 208C, 217C, 217D, 225C, 232C, 232D, 233C, 235C, 238C, 243C, 244C, 244D, 246C, 246D, 247C, 247D, 250C, 250D, 251C, 251D, 253C, 253D, 253E, 258D, 135026B, 26C	51	650697A	Screw, Hex flange hd., 5/16-18 x 2-1/2 Spec. Nos. 125000 thru 259E
42	†650687	Screw, Pan hd. self-tap, 10-32 x 5/16 Spec. Nos. 125006, 7, 62, 118, 118A	51	650694A	Screw, Hex flange hd., 5/16-18 x 2 Spec. No. 135000 thru 26C
42	†650643	Screw, Pan hd. self-tap, 8-18 x 3/8 Spec. Nos. 125024, 140	52	33636	Plug, Spark (Champion J-8C or equivalent) <u>except for Canada</u>
42	†650760	Screw, Pan hd. taptite, 8-32 x 7/16 Spec. Nos. 125049, 140A, 155, 161, 162, 166, 166D, 172, 174, 178, 217D, 232D, 244D, 246D, 247D, 250D, 251C, 251D, 253D, 253E, 258D, 135026B, 26C	52	34251 Canada	Resistor Spark Plug (Canadian Regula- tions require RJ-17LM resistor spark plug)
42	†650736	Screw, Pan hd., 10-16 x 3/8 Spec. Nos. 125043A, 43C, 151A, 162A, 162C, 164A, 166A, 166C, 174A, 174C, 178A, 180, 180A, 180C, 182, 182A, 197A, 197C, 208C, 217C, 225C, 232C, 233C, 235C, 238C, 243C, 244C, 246C, 247C, 250C, 251C	53	*27896	Gasket, Breather
43	27275	Clip, Wire retaining (Use as required)	54	28423	Body, Breather
43	34246	Clip, Ground wire Spec. Nos. 125151E, 183E, 259E	55	28424	Element, Breather
43	33685	Clip, Wire retaining Spec. Nos. 135000 thru 19A, 23A, 24A, 25A	56	28425	Cover, Valve chamber
44	29443	Clip, Fuel line (Use as required)	57	27627	Tube, Breather
45	32704	Clip, Fuel line Spec. Nos. 125001, 3, 4, 5, 7, 8, 10, 14 thru 17, 19, 23 thru 27, 30, 39 thru 42, 51, 52, 64 thru 71, 80, 92, 97, 100, 104, 107 thru 110, 114, 115, 120 thru 122C, (CONT. TOP OF NEXT COLUMN)	58	†650793	Washer, Flat Spec. Nos. 125204A, 135020A, 20B
			59	†650128	Screw, Fil. hd., 10-24 x 1/2
			59A	30593	Clip, Primer line Spec. Nos. 135000C, 18C, 21C, 26C
			60	*27916	Gasket, Intake pipe
			61	32632	Pipe, Intake
			62	30968	Nipple, Pipe Spec. Nos. 125074 thru 75C, 147, 146, 149, 214C, 228C, 229C, 252C, 252D, 252E, 135001, 5, 8, 8A, 9, 15, 20A, 20B, 26B, 26C
			62	32213	Nipple, Oil drain Spec. Nos. 125168, 169
			63	30969	Cap, Oil drain Spec. Nos. 125074 thru 75C, 147, 148, 149, 168, 169, 214C, 228C, 229C, 252C, 252D, 252E, 135001, 5, 8, 8A, 9, 15, 20A, 20B, 26B, 26C
			64	†650378	Screw, Fil. hd. Sems, 5/16-18 x 1-1/8
			65	*28756	Gasket, Carburetor
			66	29747B	Screw, Phil. Hex hd. Sems, 5/16-24 x 21/32 (Use as required)
			67	32629B	Housing Assy., Blower (Incl. Nos. 41 & 42) (5.58 dia. starter mtg. bolt circle) All Spec. Nos. <u>except</u> 125001, 3, 6, 7, 9 thru 13, 15, 17, 19, 23, 24, 25, 27, 32, 33, (CONT. TOP OF NEXT PAGE)

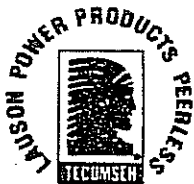
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 Issued September 1967  
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**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
 GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
67	32223A	39, 41, 42, 47 thru 52, 59, 61, 64 thru 71, 82 thru 83C, 85, 92, 97 thru 100, 104, 107 thru 110, 115, 119 thru 122, 127, 127A, 129, 130, 133, 134, 138, 141, 142, 146, 148, 149, 150, 152 thru 155, 158, 161 thru 162C, 168, 169, 177, 194A, 198A, 207A, 207C, 210C, 211C, 214C, 222C, 228C, 228C, 230D, 232C, 232D, 236C, 236D, 237C, 237D, 242C, 248C, 135001, 5, 7, 8, 9, 12, 14, 16 thru 17A, 20B, 21A, 21B, 21C, 23A, 24A, 26B, 26C	83	30985	Control, Throttle
		Housing Assy., Blower (Incl. Nos. 41 & 42) (5.56 dia. starter mtg. bolt circle)	84	*27272	Spec. Nos. 135017 thru 18C
		Spec. Nos. 125001, 3, 6, 7, 9 thru 13, 15, 17, 19, 23, 24, 25, 27, 32, 33, 39, 41, 42, 47 thru 52, 61, 64 thru 71, 82 thru 83C, 85, 92, 97 thru 100, 108, 109, 110, 115, 119, 121, 121A, 122, 127, 127A, 129, 130, 134, 141, 142, 146, 148, 149, 150, 152 thru 155, 158, 161 thru 162C, 168, 169, 194A, 198A, 207A, 207C, 210C, 211C, 214C, 222C, 226C, 228C, 232C, 236C, 236D, 237C, 237D, 242C, 248C, 135001, 5, 7, 8, 9, 12, 14, 16 thru 17A, 21A, 21B, 26B	85	31691	Gasket, Air cleaner
		Housing Assy., Blower (5.56 dia. starter mtg. circle) (For electric starter)	85	31914	Bracket, Air cleaner
		Spec. No. 125059	85A	33266	All Spec. Nos. <u>except</u> 125191C, 191D, 226C, 227C, 235C, 135008, 8A, 12, 17, 17A, 20A, 20B
		Housing Assy., Blower	86	†28820	Bracket, Air cleaner
		Spec. Nos. 125230D, 232D, 135020B, 21C, 26C	87	†650152	Spec. Nos. 125191C, 191D, 135008, 8A, 20A, 20B
		Screw, Hex washer hd. shakeproof, 10-32 x 1/2	88	30727	Bracket, Air cleaner
		Bushing, Fill tube	88A	31700	Spec. Nos. 125226C, 227C, 235C
		Spec. Nos. 125240C, 241C, 243C, 246C, 246C, 246D, 247C, 247D, 251C, 251D, 255C, 255D, 256C, 256D, 258D	88B	33268	Screw, Fil. hd. Sems, 10-32 x 1/2
Stud, Intake pipe (Used on early production)	89	730127	All Spec. Nos. <u>except</u> 135012, 17, 17A		
Screw, Hex hd. Sems, 1/4-20 x 13/16 (Used on late production)	89	730164	Screw, Fil. hd. Sems, 8-32 x 3/8		
Nut & Lockwasher, 1/4-28 (Used on early production)	90	31715	All Spec. Nos. <u>except</u> 126226C, 227C, 235C, 135012, 17, 17A		
Gasket, Stator	90A	33269A	Element, Air cleaner (Paper)		
Spec. Nos. 125000C, 0D, 43C, 75C, 83C, 103C, 122C, 132C, 132D, 139C, 151C, 151D, 166C, 166D, 176C, 180C, 183C, 183D, 186C, 186D, 190C, 191C, 191D, 192C, 192D, 197C, 201C, 203C, 207C thru 209D, 210C thru 252D, 253C, 253D, 254C, 254D, 256C thru 257D, 258D, 135000B, 18B, 19A thru 21B, 22A thru 26B	91	33267	All Spec. Nos. <u>except</u> 125072, 84, 103, 103A, 103C, 120, 120A, 126, 137, 138, 143, 157, 179A, 205A, 215C, 216C, 226C, 227C, 236C, 135007, 10, 12, 14, 17 thru 18B, 23A, 24A		
Washer, Flat (1/4 Plain) (Use as required)	91A	†650513	Element, Air cleaner (Polyurethane)		
Washer, Flat (Use as required)	92	31667	Spec. Nos. 125072, 84, 103, 103A, 103C, 120, 120A, 126, 137, 138, 143, 157, 179A, 205A, 215C, 216C, 135007, 10, 14, 18, 18A, 18B, 23A, 24A		
Washer, Flat (1/4 Plain)	93	31668	Spec. Nos. 125226C, 227C, 235C		
Lockwasher, 1/4 E.T.	94	730512	Cleaner Assy., Air (Poly) (Incl. Nos. 84, 85, 86, 87, 88A, 90 & 236B) (Use as required)		
Spec. No. 125177	94	730512	Cleaner Assy., Air (Paper) (Incl. Nos. 84, 85, 86, 87, 88, 90 & 236B) (Use as required)		
Washer, Thrust (Use as required)	95	†650489	Body, Air cleaner		
Washer, Belleville (Use as required)	95	650516	All Spec. Nos. <u>except</u> 135012, 17, 17A		
Washer, Flat (Use as required)	95	650814	Cover, Air cleaner		
	96	†650561	Bracket, Air cleaner		
	96	31667	Nut, Wing		
	97	34106	Spec. Nos. 125226C, 227C, 235C		
			Spring, Pre-cleaner		
			Bag, Pre-cleaner		
			Kit, Pre-cleaner (Incl. Nos. 92 & 93)		
			Spec. Nos. 125011, 12, 13, 25, 32, 33, 47 thru 50, 82 thru 83C, 141, 142, 150, 161 thru 164A, 174, 174A, 174C, 176, 176A, 176C, 184 thru 186A, 225C, 232C, 232D, 236C, 236D, 250C, 250D		
			Screw, Hex hd. Sems, 1/4-20 x 5/8 (Use as required) (Std. point, Std. flywheel)		
			Screw, Hex hd. Sems, 1/4-20 x 1-1/8 (Use as required) (Std. point, 3 or 7 amp flywheel)		
			Screw, Hex hd. Sems, 10-24 x 1		
			Spec. Nos. 125000E, 151E, 183E, 209E, 252E, 253E, 254E, 257E, 259E, 135000C, 18C, 21C, 26C		
			Screw, Hex washer hd. Durluk, 1/4-20 x 5/8		
			Bracket, Blower housing		
			Spec. Nos. 125183A, 183C, 183D, 183E, 259E, 135023A, 24A, 25A		



# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

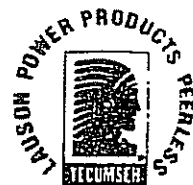
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## LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
97A	29536	Baffle, Blower housing (Without electric starter knock-out) (Use as required on all Spec. Nos. <u>except</u> 125183A, 183C, 183D, 183E, 259E, <u>135023A</u> , 24A, 25A)	120	†29716	Screw, Pan hd. Sems, 1/4-28 x 7/16 All Spec. Nos. <u>except</u> 125003, 13, 25, 33, 39, 48, 50, 52, 61, 66, 82, 89, 99, 104, 119, 122, 122A, 122C, 127, 127A, 130, 134, 141, 146, 149, 161 thru 162C, 168, 177, 183, 183A, 183C, 192A, 192C, 192D, 196A, 204A, 218C, 227C, 230C, 230D, 232C, 232D, 239C, 245C, <u>135001</u> , 2, 7 thru 10, 12, 18, 18A, 18B, 18C, 20A, 20B, 23A, 24A, 26B, 26C
97A	35256A	Baffle, Blower housing (With electric starter knock-out) (Use as required on all Spec. Nos. <u>except</u> 125183A thru 183E, 259E, <u>135023A</u> , 24A, 25A)	120	†650601	Screw, Fil. hd., 1/4-28 x 2 Spec. No. <u>125177</u>
98	32589	Key, Flywheel	121	30063	Screw, Hex washer hd., Sems, 1/4-20 x 1/2 (Use as required)
100	30700	Yoke, Governor	121	30688	Screw, Hex hd. Sems, 1/4-20 x 1/2 (Use as required)
101	†650494	Screw, Fil. hd. Sems, 6-40 x 5/16	122	28511	Plate, Fuel tank securing Spec. Nos. 125104, 107, 120, 120A, 133, 138, 177, <u>135023A</u> , 24A
102	†650518	Lockwasher, No. 10 Spec. No. <u>135012</u>	123	28819	Spring, Fuel line Spec. Nos. 125104, 107, 120, 120A, 133, 138, 177
103	31361	Spring, Governor All Spec. Nos. <u>except</u> <u>135012</u>	124	25460	Clamp, Fuel line (Use as required)
103	30581	Spring, Extension	125	29774	Line, Fuel (Braided 8.25") (Use as required)
104	32540	Link, Governor spring Spec. No. <u>135012</u>	125	30705	Line, Fuel (Braided 16") (Use as required)
104	32582	Link, Governor spring	125	30962	Line, Fuel (Braided 32") (Use as required)
105	30669	Rod, Governor (Incl. No. 107) All Spec. Nos. <u>except</u> <u>135012</u>	126	32584 (2 qt.)	Tank Assy., Fuel (White Poly) (Incl. No. 127) Spec. Nos. <u>125000</u> thru 2, 20, 21, 22, 28, 29, 34, 34A, 35 thru 38, 43 thru 46, 53 thru 57, 62, 63, 72, 73, 76 thru 79, 81, 84, 86 thru 91, 95, 96, 101 thru 103C, 105, 106, 111, 112, 113, 116, 117, 123 thru 126, 128, 131 thru 132D, 135, 136, 137, 139, 139A, 139C, 143 thru 144B, 151 thru 151E, 157, 159, 160, 167, 171 thru 173, 175, 179, 179A, 181, 181A, 182, 205A, 212C, 215C, 216C, 217C, 217D, 219C, 223C, 223D, 231C, 239C, 244C, 244D, 254C, 254D, 254E, 257C, 257D, 257E, <u>135000</u> , 0A, 0B, 0C, 2, 5, 6, 7, 11, 13, 19A
105A	32349	Rod Assy., Governor	126	32926 (2 qt.)	Tank Assy., Fuel (Charcoal Gray Poly) (Incl. No. 127) Spec. Nos. <u>125034B</u> , 60, 74 thru 75C, 93, 94, 118, 118A, 147, 156, 156A, 163 thru 166D, 170, 174, 174A, 174C, 176, 176A, 176C, 178, 178A, 182A thru 193A, 195A thru 197C, 199A thru 204A, 206A, 208C, 209C, 209D, 209E, 213C, 220C, 221C, 224C, 225C, 229C, 229D, 233C, 234C, 234D, 238C, 240C, 241C, 243C, 245C thru 247D, 250C thru 253E, 255C thru 256D, 258D, 259E, <u>135015</u> , 22A, 25A
106	32350	Lever, Governor Spec. No. <u>135012</u>	126A	31758 (1 gal.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. <u>125012</u> , 13, 25
106	31367	Lever, Governor All Spec. Nos. <u>except</u> <u>135012</u>			
106A	31367	Lever, Speed adj. Spec. No. <u>135012</u>			
107	†28277	Washer, Flat			
108	31823	Link, Throttle All Spec. Nos. <u>except</u> <u>125226C</u> , 227C, 235C			
108	33804	Link, Throttle Spec. Nos. <u>125226C</u> , 227C, 235C			
109	31707A	Governor, Spacer Assy. (Incl. No. 114)			
110	30568	Shaft, Mechanical governor			
111	30591	Gear Assy., Governor (Incl. No. 114)			
112	29193	Ring, Retaining			
113	30588A	Spool, Governor			
114	30590A	Washer, Flat Spec. Nos. <u>125000C</u> , 0D, 0E, 43C, 75C, 83C, 103C, <u>122C</u> , 132C, 132D, 139C, 151C, 151D, 151E, 166C, 174C, 178C, 180C, 183C, 183D, 183E, 185C, 185D, 190C, 191C, 191D, 192C, 192D, 197C, 201C, 203C, 207C thru 259E, <u>135000A</u> , 0B, 0C, 8A, 16A, 17A, 18A thru 28C			
116	28837	Strainer & Fitting, Fuel Spec. Nos. <u>125011</u> , 25, 47, 48, 141, 142, 150, 162, 210C, 222C			
116A	29683	Strainer & Shut-off Valve, Fuel Spec. Nos. <u>125012</u> , 13, 49, 50, <u>135016</u> , 16A			
116B	28584	Strainer & Elbow Fitting, Fuel Spec. Nos. <u>125104</u> , 107, 120, 120A, 133, 138, 177, <u>135023A</u> , 24A			
117	30622A	Extension, Blower housing			
118	†650128	Screw, Fil. hd. Sems, 10-24 x 1/2 All Spec. Nos. <u>except</u> <u>125162</u> , 162A, 162C	126	33031 (2 qt.)	Tank Assy., Fuel (Green Poly) (Incl. No. 127) Spec. Nos. <u>125140</u> , 140A, 180, 180A, 180C
119	30688	Screw, Hex hd. Sems, 1/4-20 x 1/2 (Use as required)	126A	31758 (1 gal.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. <u>125012</u> , 13, 25
119	30063	Screw, Hex hd. Sems, 1/4-20 x 1/2 (Use as required)			

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**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
126A	32876 (1 gal.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. 125047, 48, 150, 210C, 222C	136	28269	Muffler Spec. Nos. 125000 thru 2, 20, 28, 34A, 34B, 38, 43 thru 44, 51 thru 56, 61, 62, 72, 73, 82, 89, 90, 91, 95, 96, 103A thru 105, 107, 116, 117, 119, 120, 120A, 123, 124, 125, 128 thru 132D, 134 thru 137, 143 thru 144B, 151 thru 152, 155 thru 158, 165, 166A, 167, 172, 175, 179, 179A, 181 thru 183, 202A, 205A, 206A, 208C thru 209E, 215C thru 217D, 226C, 227C, 231C, 235C, 239C, 241C, 245C, 252C thru 257E, 135000 thru 4, 6, 7, 10, 11, 13, 14, 16, 16A, 18 thru 19A, 22A
126A	32874 (6 qt.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. 125049, 50	136	30901	Muffler Spec. Nos. 125006, 34, 36, 36, 40, 65, 93, 94, 121, 121A, 170, 178, 178A, 190A thru 193A, 196A, 199A, 201A, 201C, 203A, 203C, 204A, 238C, 240C, 251C, 251D
126A	31301 (1 gal.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. 125114, 115	136	30273	Muffler Spec. Nos. 125007, 8, 10, 21, 29, 57, 133
126A	31977 (6 qt.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. 135016, 16A	136	28281	Muffler Spec. Nos. 125014, 15, 30, 63, 64, 106, 113, 153, 154, 207A, 207C, 212C, 242C
126B	31363 (2 qt.)	Tank Assy., Fuel (Incl. No. 127) (6.375 dia. starter mtg. bolt circle) Spec. Nos. 125104, 107, 177, 135023A, 24A	136	31574	Muffler Spec. Nos. 125058, 59, 84, 85, 101, 160
126B	32172 (2 1/2 qt.)	Tank Assy., Fuel (Incl. No. 127) (5.56 dia. starter mtg. bolt circle) Spec. Nos. 125120, 120A	136	33560	Muffler Spec. Nos. 125163 thru 164A, 174, 174A, 174C, 176, 176A, 176C, 187A, 188A, 197A, 197C, 225C, 250C, 250D
126B	32224 (2 qt.)	Tank Assy., Fuel (Incl. No. 127) (5.56 dia. starter mtg. bolt circle) Spec. No. 125133	136	28921	Muffler Spec. Nos. 125177, 135023A, 24A
126B	32160 (2 qt.)	Tank Assy., Fuel (Incl. No. 127) (5.56 dia. starter mtg. bolt circle) Spec. No. 125138	136	391023	Muffler Spec. Nos. 125183A thru 183E, 259E, 135025A
126C	31571A (2 qt.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. 125011, 141, 142	136	34206	Muffler Spec. Nos. 125210C, 211C, 222C, 237C, 237D, 248C
126C	32441 (2 qt.)	Tank Assy., Fuel (Incl. No. 127) Spec. Nos. 125058, 59	136	34206	Muffler Spec. Nos. 125213C, 220C, 221C, 224C, 234C, 234D
127	33032	Cap, Fuel filler (Red Plastic) (Spurt resistant, Low profile) (Use as required)	136A	32401	Muffler Spec. Nos. 125041, 42
127	34118	Cap, Fuel filler (Red Plastic) (Spurt resistant, Craftsman style) (Use as required)	136A	391016	Muffler Spec. No. 125180
127	34210	Cap, Fuel filler (Red Plastic) (Spurt resistant, High profile) (Use as required)	136B	31287	Muffler Spec. Nos. 125004, 9, 19, 23, 24, 26, 27, 77, 86, 102, 103, 108, 111, 138, 171, 171A, 173
127	410144B	Cap, Fuel filler (Whita Plastic) (Std.) (Use as required)	136C	32686	Muffler Spec. Nos. 125011, 12, 13, 25, 47 thru 50, 141, 142, 150
127A	31573A	Gauge, Visual fuel Spec. Nos. 125011, 12, 13, 47, 48, 141, 142, 150	136D	29633	Muffler Spec. Nos. 125022, 67 thru 71, 79, 80, 81, 92, 97, 100, 109, 110, 139, 139A, 139C, 146, 219C, 223C, 223D, 135005
127A	32437A	Gauge, Visual fuel Spec. Nos. 125049, 50	136D	32985	Muffler Spec. Nos. 125060, 114, 115, 126
127A	29553A	Gauge, Visual fuel Spec. No. 125103	136E	39714	Muffler (Incl. Nos. 150, 151 & 152) Spec. Nos. 135017, 17A
128	31979	Strap, Fuel tank	136F	391026	Muffler (Incl. Nos. 150, 151 & 152) (This spark arrester muffler can be used on any model)
129	†650451	Screw, Hex hd. Sems, 1/4-20 x 1			
130	†660456	Nut, 1/4-20 Spec. Nos. 135016, 16A			
131	31572	Strap, Fuel tank			
132	†650556	Screw, Hex hd. Sems, 1/4-28 x 5/8			
133	792028	Screw, Hex hd. Sems, 5/16-18 x 7/8			
134	31613	Brace, Fuel tank Spec. Nos. 125058, 59			
135	*27930	Gasket, Exhaust All Spec. Nos. <u>except</u> 125003, 4, 9, 11, 12, 13, 16, 17, 19, 22 thru 27, 32, 33, 37, 39, 45, 46, 60, 66 thru 71, 76 thru 81, 83C, 86, 87, 92, 97 thru 100, 102, 103, 107 thru 112, 114, 115, 122, 122A, 122C, 126, 127, 127A, 138 thru 140A, 146, 148, 149, 159, 162C, 168, 169, 171, 171A, 173, 180, 180A, 180C, 184 thru 186A, 189A, 194A, 196A, 198A, 200A, 218C, 219C, 223C, 223D, 230C, 230D, 232C, 232D, 236C, 236D, 244C, 244D, 246C, 246D, 135008, 8A, 9, 15, 20B, 21B, 21C, 26B, 26C			





# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
Revised May 1986

## LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
137	650696	Screw, Hex hd., 5/16-18 x 2-3/4 All Spec. Nos. <u>except</u> 125003, 4, 6, 9, 11, 12, 13, 16 thru 19, 21 thru 27, 30, 32, 33, 37, 39, 41, 42, 45 thru 50, 61, 66 thru 71, 74 thru 81, 83, 83A, 83C, 86, 87, 92, 97 thru 100, 102, 103, 107 thru 112, 118, 118A, 119, 122, 122A, 122C, 127, 127A, 139 thru 142, 146 thru 150, 155, 159, 161, 162A, 162C, 166 thru 166D, 168, 169, 171, 171A, 173, 180, 180A, 180C, 184 thru 186A, 189A, 194A, 198A, 198A, 200A, 214C, 218C, 219C, 223C, 223D, 228C, 229C, 229D, 230C, 230D, 232C, 232D, 233C, 236C, 236D, 243C, 244C, 244D, 246C, 247C, 268D 135008, 8A, 9, 12, 16, 17, 17A, 20A, 20B, 21A, 21B, 26B, 26C	149	30209	Elbow, Exhaust (45°) Spec. Nos. 125004, 9, 16, 17, 19, 22, 23, 24, 26, 27, 67 thru 71, 77, 79, 80, 81, 92, 97, 100, 102, 107 thru 110, 138 thru 140A, 219C, 223C, 223D
137	792041	Screw, Hex hd., 5/16-18 x 3-3/4 Spec. Nos. 125081, 119, 155	149	29574	Elbow, Exhaust (90°) Spec. Nos. 125003, 11, 12, 13, 25, 32, 33, 66, 77, 83C, 102, 122, 122A, 122C, 218C, 230C, 230D, 236C, 236D
138	31588	Plate, Muffler locking Spec. Nos. 125000 thru 2, 5, 7, 8, 10, 14, 15, 20, 21, 28, 29, 30, 34 thru 36, 38, 40, 43 thru 44, 51 thru 59, 61 thru 65, 68, 72, 73, 84, 85, 89, 90, 91, 93 thru 96, 103A thru 106, 113, 116, 117, 119 thru 121A, 123, 124, 125, 128 thru 137, 143 thru 144B, 151 thru 158, 160, 163 thru 165A, 167, 170, 172, 174 thru 179A, 181 thru 183D, 187A, 188A, 190A thru 193A, 195A, 197A, 197C, 199A, 201A thru 213C, 215C, 216C, 217C, 217D, 220C, 221C, 222C, 224C thru 227C, 231C, 234C, 234D, 235C, 237C thru 240C, 243C, 250C, 250D, 251C, 251D, 252C thru 257D, 135000, 0A, 0B, 0C, 2, 3, 4, 6, 7, 10 thru 14, 16, 16A, 18 thru 18C, 19A, 22B, 23A, 24A, 25A	150	33700	Cover & Tube, Muffler
139	†8274	Lockwasher (Use as required)	151	33323	Screen, Muffler
140	†30196	Screw, Fil. hd., 5/16-18 x 3/4 Spec. Nos. 125041, 42, 135017, 17A	152	†650578	Screw, Hex hd. self-tap, 8-18 x 3/8 Spec. Nos. 135017, 17A
141	650694A	Screw, Hex flange hd., 5/16-18 x 2	153	31288	Kit, Muffler adapter (Incl. Nos. 135, 154 & 156) (Use as required)
142	†26073	Washer, Flat Spec. Nos. 125041, 42	153A	730130	Kit, Muffler adapter (Incl. Nos. 135 & 156) (Use as required)
143	28443	Nut, Conduit Spec. Nos. 125004, 77, 102, 107, 108, 110, 138	154	6021A	Screw, Hex flange hd., 5/16-18 x 1-1/2 (Use as required)
143	32862	Nut, Conduit Spec. Nos. 125066 thru 71, 77, 79, 80, 83C, 86, 92, 97, 100, 102, 103, 107, 108, 109, 111, 122, 122A, 122C, 138 thru 140A, 171, 171A, 173, 218C, 219C, 223C, 223D, 230C, 230D, 236C, 236D	155	660897A	Screw, Hex flange hd., 5/16-18 x 2-1/2 (Use as required)
144	†650665	Screw, Hex washer hd., 1/4-16 x 7/8	156	30196	Screw, Fil. hd., 5/16-18 x 3/4 (Use as required)
145	32429	Deflector, Exhaust Spec. Nos. 125041, 42	158	35349	Wire Assy., Ground (Female fittings both ends) Spec. Nos. 125000, 0A, 1, 2, 4, 6, 7, 8, 11, 12, 14 thru 24, 26, 28 thru 32, 34 thru 38, 41 thru 43A, 45, 47, 49, 51, 54, 55, 58, 59, 62, 63, 67, 70, 72, 73, 74, 77, 78, 79, 83, 83A, 84 thru 90, 95, 97, 98, 100, 103, 103A, 104, 107, 109, 111, 114, 116, 118, 118A, 120, 120A, 123, 126, 128, 129, 133, 135, 137, 138, 142, 147, 148, 150, 151, 151A, 152 thru 155, 157 thru 160, 166, 166A, 167, 169, 171, 171A, 173, 175, 177, 179, 179A, 191A thru 192D, 201A, 205A, 135009, 1 thru 4, 6, 7, 10, 11, 13, 14, 16
146	†650689	Screw, Hex hd. Sems, 5/16-18 x 3	158	34235	Wire, Ground (One female & one double male fitting) Spec. Nos. 125000C, 0D, 43C, 83C, 103C, 151C, 151D, 166C, 166D, 201C, 209C, 209D, 212C, 215C, 216C, 217C, 217D, 223D, 229D, 231C, 236C, 236D, 237D, 239C, 240C, 253C thru 254D, 257C, 257D, 135000A, 0B, 16A, 19A, 21A, 21B, 22A thru 25A
147	32922	Elbow, Exhaust Spec. Nos. 125047 thru 50, 82, 83, 83A, 141, 142, 150, 161, 162	158	30831	Wire, Ground (Incl. No. 207) (Female fittings both ends) Spec. Nos. 125003, 5, 9, 10, 13, 25, 27, 33, 39, 40, 44, 46, 52, 53, 56, 57, 60, 61, 64, 65, 66, 68, 69, 71, 75, 75A, 76, 80, 81, 82, 91, 92, 94, 96, 99, 101, 102, 105, 106, 108, 110, 112, 113, 115, 117, 119, 121 thru 122A, 124, 125, 127, 127A, 130, 134, 136, 139, 139A, 143, 146, 149, 156, 156A, 161, 165, 165A, 168, 170, 172, 178, 178A, 180, 180A, 180C, 190A, 195A, 203A, 203C, 204A, 208C, 226C, 227C, 235C, 238C, 241C, 244C, 244D, 245C, 251C, 251D, 255C thru 256D, 135005, 8, 8A
148	30244	Nipple, Exhaust Spec. Nos. 125021, 22, 67 thru 71, 79 thru 81, 92, 97, 100, 109, 110, 139, 139A, 139C, 219C, 223C, 223D			

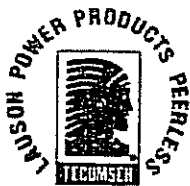
FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
Revised May 1986

**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
158	35182	Wire, Ground (Male & Female fittings) Spec. Nos. <u>125000E</u> , 48, 50, 141, 151E, 162, 162A, 162C, 209E, 232C, 232D, 253E, 254E, 257E	167	32264A	Control Assy., Speed (Incl. Nos. 159, 161 & 162) Spec. Nos. <u>125043</u> thru 44, 57, 63, 66, 103 thru 104, 106, 107, 111, 113, 128, 138, 177, 179, 179A, 181, 181A, 212C, 217C, 217D, 236C, 236D, <u>135002</u> , 7, 10, 19A, 21A, 21B, 21C, 23A, 24A
158	610683	Wire, Ground (Female fittings both ends) Spec. Nos. <u>125093</u> , 163 thru 164A, 174, 174A, 174C, 176, 176A, 176C, 183 thru 189A, 193A, 196A, 197A, 197C, 199A, 200A, 202A, 206A, 210C, 211C, 213C, 220C, 221C, 222C, 224C, 225C, 233C, 234C, 237C, 243C, 247C, 248C, 250C, 258D, <u>135025A</u>	167	31520A	Control Assy., Speed (Incl. Nos. 159, 161 & 162) Spec. Nos. <u>125061</u> , 119, 146, 155, 209C, 209D, 209E, <u>135001</u> , 5, 9, 17 thru 18C
158	29682	Wire, Ground (All female fittings) Spec. Nos. <u>125140</u> , 140A, 144, 144A, 144B, 181 thru 182A	167	31523A	Control Assy., Speed (Incl. Nos. 159, 161 & 162) Spec. Nos. <u>125151</u> thru 151E
158	35232	Wire, Ground Spec. Nos. <u>125183D</u> , 183E, 185D, 234D, 237D, 247D, 250D, 259E	167	34287	Control Assy., Speed Spec. Nos. <u>125220C</u> , 221C, 222C, 224C, 233C, 234C, 237C, 243C, 247C
158	33538	Wire, Ground (Female fittings both ends) Spec. Nos. <u>125194A</u> , 198A	167	33156A	Control Assy., Speed (Incl. No. 159) Spec. No. <u>125248C</u>
158	34401	Wire, Ground (One eyelet, one female & one double male fitting) Spec. Nos. <u>125246C</u> , 246D	167	**	Control Assy., Speed Spec. No. <u>135012</u>
158	31582	Wire Assy., Ground (Female fitting one end only) Spec. No. <u>135012</u>	168	33549	Clamp, Tank holdown Spec. Nos. <u>125000D</u> , 132D, 151D, 163 thru 164A, 166D, 170, 174, 174A, 174C, 176, 176A, 176C, 178, 178A, 181A, 183A thru 189A, 191D, 192C, 192D, 196A, 197A, 197C, 200A, 202A thru 204A, 206A, 208C, 209C, 209D, 213C, 217D, 220C, 221C, 223D, 224C, 225C, 229D, 233C, 234C, 234D, 238C, 241C thru 247D, 250C thru 258D, <u>135022A</u> , 22B, 25A
158	35234	Wire, Ground Spec. Nos. <u>135026C</u>	169	33548	Deflector, Fuel Spec. Nos. <u>125034B</u> , 60, 93, 94, 156, 156A, 163 thru 165A, 170, 174, 174A, 174C, 176, 176A, 176C, 178, 178A, 182A thru 193A, 195A thru 197C, 199A, 200A, 202A thru 204A, 206A, 208C, 218C, 220C, 221C, 224C, 225C, 238C, 234C, 238C, 241C, 243C, 245C, 246C, 248D, 247C, 247D, 250C, 250D, 251C, 251D, 255C, 255D, 256C, 256D, 258D, 259E, <u>135025A</u>
159	610973	Terminal Assy. (Use as required)	170	†650163	Screw, Fil. hd. Sems, 10-32 x 7/8
160	33150	Bracket, Control	171	†650520	Screw, Fil. hd., 10-32 x 2-1/2
161	32924	Spring, Compression Spec. Nos. <u>125220C</u> , 221C, 222C, 224C, 233C, 234C, 237C, 243C, 247C, 248C	172	31526	Elbow, Air cleaner Spec. Nos. <u>125191A</u> , 191C, 191D
161	31342	Spring, Compression	172A	32427	Elbow, Air cleaner
162	†650549	Screw, Fil. hd., 5-40 x 7/16 All Spec. Nos. <u>except 125220C</u> , 221C, 222C, 224C, 239C, 234C, 237C, 243C, 247C, 248C, <u>135012</u>	173	†650521	Screw, Fil. hd. Sems, 10-32 x 1-1/8 Spec. Nos. <u>135008A</u> , 20A, 20B
162	650688	Screw, Hex hd., 10-32 x 1 (Drilled thru) Spec. Nos. <u>125220C</u> , 221C, 222C, 224C, 233C, 234C, 237C, 243C, 247C, 248C	174	*29673	Gasket, Dipstick Spec. Nos. <u>125000C</u> , OD, OE, 2, 6, 18, 20, 34 thru 36, 38, 62, 74 thru 75C, 83C, 84, 85, 103C, 107, 118, 118A, 132C, 132D, 133, 138, 147, 151C, 151D, 151E, 162C, 166, 166A, 182, 182A, 183C, 183D, 189E, 185C, 185D, 190C, 191C, 191D, 192D, 209C thru 212C, 214C thru 219C, 222C, 223C, 223D, 224C, 226C thru 232D, 234C thru 237D, 239C, 244C, 244D, 247C, 248C, 250D, 254C, 254D, 254E, 257C, 257D, 257E, 258D, 259E, <u>135001</u> , 5, 7, 9, 10, 15, 17 thru 18C
163	†30200	Screw, Hex washer hd. self-tap, Sems, 10-24 x 9/16 All Spec. Nos. <u>except 135012</u>			
164	32410	Knob, Speed control (Use as required)			
165	27793	Clip, Conduit (Use as required)			
166	†28942	Screw, Hex hd. Sems, 10-32 x 3/8 (Use as required)			
167	32181A	Control Assy., Speed (Incl. Nos. 159, 161 & 162) All Spec. Nos. <u>except 125043</u> thru 44, 57, 61, 63, 86, 103 thru 104, 106, 107, 111, 113, 119, 128, 138, 146, 151 thru 151E, 155, 177, 179, 179A, 181, 181A, 209C, 209D, 209E, 212C, 217C, 217D, 220C, 221C, 222C, 224C, 233C, 234C, 236C, 236D, 237C, 243C, 247C, 248C, <u>135001</u> , 2, 5, 7, 9, 10, 12, 17 thru 19A, 21A, 21B, 21C, 23A, 24A			



# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
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## LAUSON MODELS V70, VH70

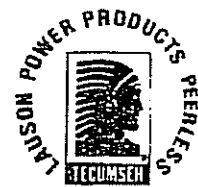
Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
174	33590	"O" Ring Spec. Nos. <u>125075C</u> , 166C, 166D, 207C, 208C, 229C, 229D, 240C thru 243C, 245C, 246C, 246D, 247C, 247D, 251C, 251D, 252C, 252D, 252E, 253C, 253D, 253E, 255C, 255D, 256C, 256D, 258D	180	30139	"O" Ring
174	29985	"O" Ring	181	+25073	Washer, Flat Spec. Nos. <u>125170</u> , 178, 178A, 183, 183A, 201A thru 204A, 206A, 207A, 213C, 220C, 221C, 233C, 238C, <u>135008</u> , 8A, 20A, 20B, 21A, 21B, 21C, 22A, 25A, 26B, 26C
175	31569A	Dipstick, Oil (Incl. No. 174) (Screw In) Spec. Nos. <u>125170</u> , 178, 178A, 183, 183A, 201A thru 204A, 206A, 207A, 213C, 220C, 221C, 233C, 238C, <u>135008</u> , 8A, 20A, 20B, 21A, 21B, 21C, 22A, 25A, 26B, 26C	182	27625	Plug, Oil filler (Incl. No. 183) All Spec. Nos. <u>except 125000C</u> , 0D, 0E, 2, 6, 18, 20, 34 thru 36, 38, 41, 42, 52, 74 thru 75C, 83C thru 86, 103, 103C, 104, 107, 118, 118A, 133, 138, 147, 151C, 151D, 151E, 162C, 166 thru 166D, 170, 178, 178A, 182 thru 183E, 185C, 185D, 190C, 191C, 191D, 192C, 192D, 201A thru 204A, 206A thru 216C, 220C, 221C, 222C, 224C, 226C thru 229D, 231C thru 233C, 235C, 236C, 236D, 238C thru 245C, 248C, 252C thru 257E, 259E, <u>135001</u> , 5, 7 thru 10, 15, 17 thru 18C, 20A thru 22A, 25A, 26B, 26C
175	34165	Dipstick, Oil (Incl. No. 174) (Screw In) (2.34" long) Spec. Nos. <u>125000C</u> , 0D, 0E, 75C, 83C, 103C, 132C, 132D, 161C, 151D, 151E, 162C, 183C, 183D, 183E, 185C, 185D, 190C, 191C, 191D, 192D, 209C thru 212C, 214C thru 219C, 222C, 223C, 223D, 224C, 226C thru 232D, 234C thru 237D, 239C, 244C, 244D, 247C, 248C, 250D, 254C, 254D, 254E, 257C thru 258D	182	28607	Indicator, Oil lever Spec. Nos. <u>125041</u> , 42, 86, 103, 104, 111
175	34178A	Dipstick, Oil (Incl. No. 174) (Twist Lock) Spec. Nos. <u>125075C</u> , 166C, 166D, 207C, 208C, 229C, 229D, 242C, 252C, 252D, 252E, 253C, 253D, 253E	183	*29673	Gasket, Oil filler plug All Spec. Nos. <u>except 125000C</u> , 0D, 0E, 2, 6, 18, 20, 34 thru 36, 38, 62, 74 thru 75C, 83C, 84, 86, 103C, 107, 118, 118A, 133, 138, 147, 151C, 151D, 151E, 162C, 166 thru 166D, 170, 178, 178A, 182 thru 183E, 185C, 185D, 190C, 191C thru 192D, 201A thru 204A, 206A thru 216C, 220C, 221C, 222C, 224C, 226C thru 229D, 231C thru 233C, 235C, 236C, 236D, 238C thru 245C, 248C, 252C thru 257E, 259E, <u>135001</u> , 5, 7 thru 10, 15, 17 thru 18A, 20A thru 22A, 25A, 26B, 26C
175	34249	Dipstick, Oil (Incl. No. 174) (Twist Lock) (9.71" long) Spec. Nos. <u>125240C</u> , 241C, 243C, 245C, 246C, 246D, 247C, 247D, 251C, 251D, 255C, 255D, 256C, 256D, 258D	184	610749	Regulator, Rectifier (10 Amp) Spec. Nos. <u>125009</u> , 10, 15, 27, 52, 53, 56, 57, 71, 80, 106, 117, 130 thru 132A, 143, 152, 157, 170, 204A, 207A, <u>135001</u> , 9, 15
175	29760	Dipstick, Oil (Incl. No. 174) (Screw In)	184A	610920	Regulator, Rectifier (7 Amp) Spec. Nos. <u>125207C</u> , 216C, <u>135019A</u>
176	29759	Tube, Oil filler (Metal) Spec. Nos. <u>125002</u> , 6, 18, 20, 34 thru 36, 38, 62, 74, 75, 75A, 84, 86, 107, 118, 118A, 133, 138, 147, 166, 166A, 182, 182A, <u>135001</u> , 5, 7, 9, 10, 15, 17 thru 18C	184A	610938	Regulator, Rectifier (7 Amp) Spec. Nos. <u>125132C</u> , 132D, 225C, 232C, 232D, 238C, 242C, 250C thru 251D, 257C, 257D, <u>135021A</u> , 21B
176A	31568	Tube, Oil filler (Metal) Spec. Nos. <u>125170</u> , 178, 178A, 183, 183A, 201A thru 204A, 206A, 207A, 213C, 220C, 221C, 233C, 238C, <u>135008</u> , 8A, 20A thru 21C, 22A, 25A, 26B, 26C	184A	611098	Regulator Spec. Nos. <u>125257E</u> , <u>135021C</u>
176B	33951A	Tube, Oil filler (Plastic) Spec. Nos. <u>125075C</u> , 166C, 166D, 207C, 208C, 229C, 229D, 242C, 252C thru 253E	185	+650735	Screw, Hex hd. taptite, 10-24 x 3/8 Spec. Nos. <u>125026</u> , 30, 34, 35, 37, 62, 70, 109, 207C, 216C, <u>135010</u> , 12, 19A
176C	34248	Tube, Oil filler (Plastic) Spec. Nos. <u>125240C</u> , 241C, 243C, 245C, 246C thru 247D, 251C, 255C thru 256D, 258D	186	28820	Screw, Fil. hd. Sems, 10-32 x 1/2 Spec. Nos. <u>125132C</u> , 225C, 232C, 232D, 238C, 242C, 250C, 251C, 251D, 257C, 257D, <u>135021A</u> , 21B
177	28954	Cover, Oil filler hole Spec. Nos. <u>125043</u> , 43A, 43C, 57, 121 thru 122C, 139, 139A, 139C, <u>135012</u>	186	650874	Screw, Hex washer hd. Sems, 10-32 x 15/32 Spec. Nos. <u>125132D</u> , 232D, 250D, 257E, <u>135021C</u>
178	28749	Screw, Phil. rd. hd. w/neoprene washer, 10-24 x 7/16	187	32765	Clamp, Blower housing extension Spec. Nos. <u>125026</u> , 30, 34, 35, 37, 62, 70, 109, 132C, 207C, 216C, 225C, 232C, 238C, 242C, 250C, 252C, <u>135010</u> , 12, 19A, 21A
179	28747	Gasket, Oil fill tube Spec. Nos. <u>125002</u> , 6, 18, 20, 34 thru 36, 38, 43, 43A, 43C, 57, 62, 74, 75, 75A, 84, 85, 107, 118, 118A, 121 thru 122C, 133, 138, 139, 139A, 139C, 147, 166, 166A, 166D, 182, 182A, <u>135001</u> , 5, 7, 9, 10, 12, 15, 17 thru 18B			

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# TECUMSEH PRODUCTS COMPANY

## ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024



### LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
188	30747	Clip, Spark plug shorting	208A	34254	Wire Assy., Alternator adapter (Eyelet terminal & female connector) (24") (7 Amp)
189	650890	Lockwasher, Shakeproof 5/16 Spec. Nos. <u>125072</u> , <u>135017</u> thru 18C			Spec. Nos. <u>125225C</u> , 232C, 232D, 250C, 250D
190	27165	Gasket, Elbow	209	33018	Harness Assy., Adapter (Use as required)
191	31669	Cover, Oil bath cleaner	211	28726	Screw, Phil. rd. hd., 5-40 x 9/16
192	†650519	Screw, Fil. hd., 10-32 x 2-7/8	212	†28727	Lockwasher, Split
193	†650163	Screw, fil. hd. Sems, 10-32 x 7/8	213	†28728	Nut, 5-40
194	31473	Elbow, Air cleaner	214	30064	Cover, Rectifier panel
195	†650513	Nut, Wing, 1/4-20	215	30065	Nut, Lock Hex 5-40
196	29497	Tube, Cleaner spacer	216	†30066	Screw
197	31476	Stud, Air cleaner			Spec. Nos. <u>125003</u> , 17, 19, 22, 23, 36, 39, 44, 46, 59, 60, 61, 64, 66, 68, 69, 75, 75A, 76, 81, 86, 91, 92, 94, 96, 99, 102, 105, 108, 110, 113, 115, 119, 122, 122A, 124, 125, 127, 127A, 134, 136, 139, 139A, 144, 144A, 144B, 146, 149, 156, 156A, 168, 182, 182A, 190A, 195A, <u>135008</u> , 8A
198	31670	Bowl, Oil bath cleaner	218	32322	Washer, Thrust (.005" thick) (Use as required)
199	31475	Brace, Cleaner elbow (Lower)	218	32323	Washer, Thrust (.010" thick) (Use as required)
200	†27513	Lockwasher			Spec. Nos. <u>125058</u> , 59, 86, 103, 103A, 103C, 111
201	†650456	Nut, Flange whiz lock, 1/4-20	219	650816	Washer, Belleville
202	31480	"O" Ring	220	†8116	Nut
203	31474	Brace, Cleaner elbow (Upper)	221	32126	Cup, Starter
204	32561	Air Cleaner Assy., Oil bath (Incl. Nos. 191, 198 & 202) Spec. Nos. <u>135017</u> , 17A			All Spec. Nos. <u>except</u> <u>125003</u> , 13, 25, 33, 35, 38, 39, 48, 50, 52, 61, 66, 82, 89, 99, 104, 119, 122, 122A, 122C, 127, 127A, 130, 134, 141, 146, 149, 161 thru 162C, 168, 177, 183, 183A, 183C, 192A, 192C, 192D, 196A, 204A, 218C, 227C, 230C, 230D, 232C, 232D, 239C, 245C, <u>135001</u> , 2, 7 thru 10, 18 thru 18C, 20A, 20B, 23A, 24A, 26B, 26C
205	†650643	Screw, Pan hd. self-tap, 8-18 x 3/8 Spec. Nos. <u>125005</u> , 9, 10, 13, 25, 27, 33, 40, 48, 50, 52, 53, 56, 57, 65, 71, 74, 80, 82, 101, 117, 121, 121A, 130, 140, 140A, 141, 143, 161, 165, 165A, 169 thru 173, 178, 178A, 180 thru 181A, 191A thru 192D, 203A, 203C, 204A, 208C, 226C, 227C, 235C, 238C, 241C, 244C thru 246D, 251C, 251D, 255C thru 256D, <u>135001</u> , 5, 26B, 26C	222	590417	Screen, Starter cup All Spec. Nos. <u>except</u> <u>125000D</u> , 0E, 3, 13, 25, 33, 35, 38, 39, 48, 50, 52, 61, 66, 82, 89, 99, 104, 119, 122, 122A, 122C, 127, 127A, 130, 132D, 134, 141, 146, 149, 151D, 151E, 161 thru 162C, 166D, 168, 177, 183 thru 183E, 185D, 191D thru 192D, 196A, 204A, 209D, 209E, 217D, 218C, 223D, 227C, 229D, 230C, 230D, 232C, 232D, 234D, 236D, 237D, 239C, 244D, 245C, 246D, 247D, 250D, 251D, 252D, 252E, 263D, 253E, 254D, 254E, 255D, 256D, 257D thru 259E, <u>135000B</u> thru 2, 7 thru 10, 18 thru 18C, 20A, 20B, 21B, 21C, 23A, 24A, 26B, 26C
206	28545	Grommet, Plastic Spec. Nos. <u>125005</u> , 9, 10, 13, 25, 27, 33, 40, 48, 50, 52, 53, 56, 57, 65, 71, 74, 80, 82, 101, 117, 121, 121A, 130, 140, 140A, 141, 143, 161, 165, 165A, 169 thru 173, 178, 178A, 180 thru 181A, 191A thru 192D, 203A, 203C, 204A, 208C, 226C, 227C, 235C, 238C, 241C, 244C thru 246D, 251C, 251D, 255C thru 256D, <u>135001</u> , 5, 26B, 26C			Screen, Starter cup Spec. Nos. <u>125000D</u> , 0E, 132D, 151D, 151E, 166D, 183D, 183E, 185D, 191D, 209D, 209E, 217D, 223D, 229D, 234D, 236D, 237D, 244D, 246D, 247D, 250D, 251D, 252D, 252E, 263D, 253E, 254D, 254E, 255D, 256D, 257D thru 259E, <u>135000B</u> , 0C, 21B, 21C, 22B
207	33356	Terminal, Ground (2 tabs) Spec. Nos. <u>125009</u> , 13, 25, 27, 33, 48, 50, 52, 53, 56, 71, 74, 80, 82, 101, 117, 130, 140, 140A, 141, 143, 161, 169, 171 thru 173, 180 thru 181A, 191A thru 192D, 226C, 235C, 241C, 244C thru 246D, 255C thru 256D, <u>135001</u> , 5, 26B, 26C			
207A	33932	Terminal, Ground Spec. No. <u>125235C</u>			
208	34067	Wire Assy., Alternator adapter (Two male terminals) (4-1/4") (3 Amp)			
208	34068	Wire Assy., Alternator adapter (Two male terminals) (6-1/4") (3 Amp) Spec. Nos. <u>125075C</u> , 122C, 139C, 218C, 219C, 223C, 223D, 229C thru 230D, <u>135020A</u> , 20B	222	35009	Screen, Starter cup Spec. Nos. <u>125000D</u> , 0E, 132D, 151D, 151E, 166D, 183D, 183E, 185D, 191D, 209D, 209E, 217D, 223D, 229D, 234D, 236D, 237D, 244D, 246D, 247D, 250D, 251D, 252D, 252E, 263D, 253E, 254D, 254E, 255D, 256D, 257D thru 259E, <u>135000B</u> , 0C, 21B, 21C, 22B
208	34069	Wire Assy., Alternator adapter (One male & one female terminal) (6-3/4") (7 Amp)			
208	34070	Wire Assy., Alternator adapter (Two male terminals) (24-1/4") (7 Amp) Spec. Nos. <u>125132C</u> , 132D, 238C, 251C, 251D			



# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
Revised May 1986

## LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
223	590343	Rope & Handle, Starter Spec. Nos. <u>125003</u> , 13, 25, 33, 39, 48, 50, 52, 61, 66, 82, 89, 119, 122, 122A, 122C, 127, 127A, 130, 134, 141, 146, 149, 161 thru 162C, 168, 183, 183A, 183C, 196A, 218C, 230C, 230D, 232C, 232D, 239C, 135001, 2, 7 thru 10, 18 thru 18C	236	34346	Decal, Instruction Spec. Nos. <u>125000</u> thru 46, 51 thru 81, 84 thru 94, 97 thru 140A, 143 thru 149, 151 thru 160, 163 thru 183E, 185 thru 188A, 190A thru 199A, 201C, 203A thru 209E, 212C, 214C thru 219C, 223C, 223D, 228C thru 231D, 232D, 234D, 236D, 237D thru 259E, <u>135000</u> thru 26C
224	28301	Hub & Screen Assy., Starter Spec. Nos. <u>125003</u> , 13, 25, 33, 39, 48, 50, 52, 61, 66, 82, 89, 99, 119, 122, 122A, 122C, 127, 127A, 130, 134, 141, 146, 149, 161 thru 162C, 168, 183, 183A, 183C, 196A, 218C, 230C, 230D, 232C, 232D, 239C, <u>135001</u> , 2, 7 thru 10, 18 thru 18C	236	31353	Decal, Instruction Spec. Nos. <u>125047</u> thru 50, 82 thru 83C, 120, 120A, 141, 142, 150, 161 thru 162C, 184, 184A, 189A, 200A, 202A, 210C, 211C, 213C, 220C, 221C, 222C, 224C, 226C, 227C, 232C thru 237C
224A	29709	Hub & Screen Assy., Starter Spec. Nos. <u>125035</u> , 38, 104, 177, <u>135023A</u> , 24A	236	33001	Decal, Name & Instruction Spec. Nos. <u>125095</u> , 96
224B	33819	Screen & Cup Assy.	236A	560223	Decal, Name Spec. Nos. <u>125000</u> thru 46, 53 thru 73, 76 thru 81, 84 thru 117, 119, 121 thru 125, 127 thru 129, 131 thru 133, 135 thru 139C, 143 thru 144B, 151 thru 155, 157 thru 160, 167, 171 thru 173, 175, 177, 179, 179A, 181 thru 182A, 186, 186A, 191A thru 192C, 203A thru 205A, 207A, 207C, 209C, 209D, 209E, 212C, 214C thru 219C, 223C, 223D, 228C, 230C, 230D, 231C, 239C, 242C, 252C thru 254E, 257C, 257D, 258D, <u>135000</u> thru 7, 10, 11, 13, 14, 16 thru 22A
225	33817	Plug, Screen Spec. Nos. <u>125192A</u> , 192C, 192D, 204A, 227C, 245C, <u>135008A</u> , 20A, 20B	236A	33552	Decal, Name & Instruction Spec. No. <u>125201A</u>
226	34443A	Solid State Assy.	236A	34768	Decal, Name Spec. Nos. <u>135000A</u> , 0B, 0C, 8A, 16A, 17A, 18A thru 28C
227	650872	Stud, Solid State mounting Spec. Nos. <u>125000E</u> , 151E, 183E, 209E, 252E, 253E, 254E, 257E, 259E, <u>135000C</u> , 18C, 21C, 26C	236B	31752	Decal, Air cleaner All Spec. Nos. <u>except 125000D</u> , 0E, 72, 84, 103, 103A, 103C, 120, 120A, 126, 132D, 137, 138, 143, 151D, 151E, 157, 166D, 179A, 183D, 183E, 185D, 191D, 192C, 192D, 206A, 209D, 215C, 216C, 217D, 223D, 229D, 230D, 232D, 234D, 236D, 237D, 241C thru 259E, <u>135000B</u> , 0C, 8, 10, 14, 17 thru 18C, 22A thru 26C
228	611084	Flywheel Spec. Nos. <u>125000E</u> , 209E, 254E, <u>135000C</u> , 18C	236C	32130	Decal, Name (Long Life) Spec. No. <u>135012</u>
228	611088	Flywheel (7 amp) Spec. No. <u>125151E</u>	236C	31490	Decal, Oil Spec. No. <u>125120</u>
228	611085	Flywheel (w/ring gear) Spec. Nos. <u>125183E</u> , 253E, 259E, <u>135026C</u>	236C	32676	Decal, Solid state Spec. Nos. <u>125026</u> , 30, 34, 35, 37, 62, 70, 109, <u>135010</u>
228	611087	Flywheel (3 amp, w/ring gear) Spec. No. <u>125252E</u>	236D	31514	Decal, Speed control Spec. Nos. <u>125005</u> , <u>135005</u>
228	611089	Flywheel (7 amp, w/ring gear) Spec. Nos. <u>125257E</u> , <u>135021C</u>	236D	34434	Decal, Speed control Spec. Nos. <u>125043</u> , 43A, 43C, 57, 59, 61, 103 thru 104, 106, 107, 113, 115, 120, 120A, 128, 151 thru 151E, 177, 179, 179A, 181, 181A, 212C, 217C, 217D, 236C, 236D, <u>135007</u> , 10, 17 thru 19A, 21A, 21B, 21C
229	35189	Spacer, Coil Assy. Spec. Nos. <u>125151E</u> , 252E, 257E, <u>135021C</u>	236E	32179	Decal, "Super-Start" Spec. Nos. <u>125120</u> , 120A
230	611097	Coil, Alternator (Incl. Nos. 235, 235A & 235B) Spec. Nos. <u>125151E</u> , 257E, <u>135021C</u>			
230A	611096	Coil, Alternator (Incl. Nos. 235, 235A & 235C) Spec. No. <u>125252E</u>			
233	650873	Screw, Hex hd. Sems, 1/4-20 x 3/4 Spec. Nos. <u>125151E</u> , 252E, 257E, <u>135021C</u>			
234	33177	Terminal Spec. Nos. <u>125151E</u> , 257E, <u>135021C</u>			
235	610921	Connector			
235A	610922	Terminal Spec. Nos. <u>125151E</u> , 252E, 257E, <u>135021C</u>			
235B	610824	Connector, Flat Spec. Nos. <u>125151E</u> , 257E, <u>135021C</u>			
235C	610935	Diode Spec. No. <u>125252E</u>			
236	32679	Decal, H.P. (7 H.P.) Spec. Nos. <u>125016</u> , 17, 60, 83, 94, 126, 133, 190C, 193A, 194A, 195A, 198A, 199A			

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**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
237	30547A	Contact Assy., Breaker All Spec. Nos. <u>except 125000E</u> , 9, 10, 13, 15, 25, 26, 27, 30, 33, 34, 35, 37, 48, 50, 52, 53, 56, 57, 62, 70, 71, 80, 82, 106, 109, 117, 130 thru 132A, 141, 143, 151, 151A, 151E, 152, 157, 161 thru 162C, 164, 164A, 170, 174, 174A, 174C, 178, 178A, 183E, 204A, 207A, 209E, 252E, 253E, 254E, 257E, 259E, <u>135000C</u> , 9, 10, 12, 15, 18C, 21C, 26C	240	631458	51, 52, 64 thru 71, 80, 92, 97, 100, 108, 109, 110, 121 thru 122C, 127A, 129, 130, 134, 148, 149, 153, 154, 168, 169, 194A, 198A, 218C, 230C, 230D, <u>135008</u> , 8A, 20A, 20B, 26E, 26C Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 100 for breakdown) Spec. Nos. <u>125006</u> , 11, 12, 13, 18, 25, 32, 33, 47 thru 50, 58, 59, 82 thru 83C, 85, 127, 141, 142, 150, 152, 158, 161 thru 162C, 207A, 207C, 214C, 226C, 227C, 228C, 232C, 232D, 235C, 236C, 236D, 242C, 248C, <u>135003</u> , 4, 14, 16, 16A
237	32434	Contact Assy., Breaker Spec. Nos. <u>125009</u> , 10, 13, 15, 25, 27, 33, 48, 50, 52, 53, 56, 57, 71, 80, 82, 106, 117, 130 thru 132A, 141, 143, 151, 151A, 152, 157, 161 thru 162C, 164, 164A, 170, 174, 174A, 174C, 178, 178A, 204A, 207A, <u>135001</u> , 9, 15	240	631544	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 104 for breakdown) Spec. Nos. <u>125081</u> , 119, 155
238	30548B	Condenser All Spec. Nos. <u>except 125000E</u> , 9, 10, 13, 15, 25, 26, 27, 30, 33, 34, 35, 37, 48, 50, 52, 53, 56, 57, 62, 70, 71, 80, 82, 106, 109, 117, 130 thru 132C, 141, 143, 151 thru 152, 157, 161 thru 162C, 164, 164A, 170, 174, 174A, 174C, 178, 178A, 183E, 204A, 207A, 209E, 223C, 225C, 228C, 229C, 230C, 232C, 238C, 242C, 250C, 251C, 252C, 252E, 253E, 254E, 257C, 257E, 259E, <u>135000C</u> , 1, 9, 10, 12, 15, 18C, 20A, 21A, 21C, 26C	240	631563	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 104 for breakdown) Spec. Nos. <u>125098</u> , 99, 114, 115
238	610787A	Condenser Spec. Nos. <u>125009</u> , 10, 13, 15, 25, 27, 33, 48, 50, 52, 53, 56, 57, 71, 80, 82, 106, 117, 130 thru 132C, 141, 143, 151 thru 152, 157, 161 thru 162C, 164, 164A, 170, 174, 174A, 174C, 178, 178A, 204A, 207A, 223C, 225C, 228C, 229C, 230C, 232C, 238C, 242C, 250C, 251C, 252C, 252E, 253E, 254E, 257C, <u>135001</u> , 9, 15, 20A, 21A	240	631578	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 104 for breakdown) Spec. Nos. <u>125104</u> , 107, 120, 120A, 133, 138, 177
239	631021	Inlet Needle, Seat & Clip Assy.	240	631540	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 104 for breakdown) Spec. Nos. <u>125146</u> , <u>135001</u> , 5, 9
240	631449	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 78 for breakdown) Spec. Nos. <u>125000</u> thru 0E, 2, 9, 20, 21, 22, 28, 29, 34 thru 38, 43 thru 46, 53 thru 57, 60, 62, 63, 72 thru 79, 81, 84, 86 thru 91, 93 thru 96, 101 thru 103C, 105, 106, 111, 112, 113, 116 thru 118A, 123 thru 126, 128, 131 thru 132D, 135, 136, 137, 139 thru 140A, 143 thru 144B, 147, 156, 156A, 157, 159, 160, 163 thru 167, 170 thru 176C, 178 thru 193A, 195A thru 197C, 199A thru 206A, 208C, 210C thru 213C, 215C thru 217D, 219C thru 225C, 229C, 229D, 231C, 233C, 234C, 234D, 237C thru 241C, 243C thru 247D, 250C thru 259E, <u>135000</u> thru 0C, 2, 5, 7, 10, 11, 13, 15, 19A, 21A thru 22A, 25A	240	631534	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 114 for breakdown) Spec. Nos. <u>125151</u> thru 151E, 209C, 209D, 209E, <u>135018</u> thru 18C
240	631447	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 78 for breakdown) Spec. Nos. <u>125001</u> , 3, 4, 5, 7, 8, 10, 14 thru 17, 19, 23, 24, 26, 27, 30, 39 thru 42,	240	**	Carburetor Spec. No. <u>135012</u>
		(CONT. TOP OF NEXT COLUMN)	240	631723	Carburetor (Incl. No. 65) (Refer to Division 5, Section A, page 122 for breakdown) Spec. Nos. <u>135017</u> , 17A
			240	631101	Carburetor (Refer to Division 5, Section A, page 58 for breakdown) Spec. Nos. <u>135023A</u> , 24A
			241	610805	Flywheel Spec. Nos. <u>125026</u> , 30, 34, 35, 37, 70, 109, <u>135010</u>
			241	610808	Flywheel Spec. Nos. <u>125062</u> , <u>135012</u>
			242	610759	Magneto (Solid State)
			243	610783	Transformer (Solid State) Spec. Nos. <u>125028</u> , 30, 34, 35, 37, 62, 70, 109, <u>135010</u> , 12
			244	610689A (See Note 2)	Magneto, Tecumseh (Refer to Division 5, Section B, page 24 for breakdown) Spec. Nos. <u>125000</u> , 0A, 0C, 2, 4, 5, 8, 11, 12, 14, 16, 18, 20, 21, 28, 29, 32, 34A, 34B, 38, 40, 41, 45, 47, 49, 51, 54, 55, 58, 63, 65, 67, 72, 73, 74, 77, 78, 79, 83 thru 85, 87, 89, 90, 93, 95 thru 98, 100, 103 thru 104, 107, 111, 114, 116, 120 thru
					(CONT. TOP OF NEXT PAGE)



# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
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## LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
244	611038 (See Note 2)	121A, 123, 126, 128, 129, 133, 135, 137, 138, 142, 147, 148, 150, 153, 154, 158, 159, 160, 163, 163A, 167, 169, 171, 171A, 173, 175 thru 177, 179, 179A, 181, 181A, 184 thru 186C, 186, 188A, 187A, 189A, 191A, 191C, 193A, 194A, 198A thru 201C, 203A, 203C, 205A, 206A, 209C, 210C, 211C, 212C, 215C, 220C, 222C, 224C, 226C, 231C, 234C, 236C, 237C, 239C, 240C, 241C, 254C, 256C, 256C, 135000, 0A, 2 thru 7, 11, 13, 14, 16 thru 18A, 22A, 23A Magneto, Tecumseh (Refer to Division 5, Section B, page 39 for breakdown) Spec. Nos. 125000D, 185D, 191D, 209D, 234D, 236D, 237D, 254D, 255D, 256D, 135000B, 18B	244	610852 (See Note 2)	Magneto, Tecumseh (Refer to Division 5, Section B, page 28 for breakdown) Spec. Nos. 125165, 165A
244	610694A (See Note 2)	Magneto, Tecumseh (w/ring gear) (For 110 Volt starter) (Refer to Division 5, Section B, page 24 for breakdown) Spec. Nos. 125001, 6, 7, 24, 42 thru 43C, 101, 112, 118, 118A, 140, 140A, 155, 166, 166A, 166C, 172, 180, 180A, 180C, 183, 183A, 183C, 188A, 192A, 192C, 196A, 197A, 197C, 202A, 208C, 213C, 217C, 221C, 227C, 233C, 235C, 243C, 244C, 245C, 248C, 247C, 248C, 253C, 135024A, 25A	244	611043 (See Note 2)	Magneto, Tecumseh (Refer to Division 5, Section B, page 39 for breakdown) Spec. Nos. 125166D, 183D, 192D, 217D, 244D, 246D, 247D, 253D, 258D, 135026B
244	610581A (See Note 2)	Magneto, Tecumseh alternator (w/ring gear) (12 Volt, 3 Amp) (Refer to Division 5, Section B, page 23 for breakdown) Spec. Nos. 125003, 17, 19, 22, 23, 36, 39, 44, 46, 59, 60, 61, 64, 66, 68, 69, 75, 75A, 76, 81, 86, 91, 92, 94, 99, 102, 105, 108, 110, 113, 115, 119, 122, 122A, 124, 125, 127, 127A, 134, 136, 139, 139A, 144 thru 146, 149, 156, 158A, 168, 182, 182A, 190A, 195A, 135008, 8A	244	610979 (See Note 2)	Magneto, Tecumseh (Refer to Division 5, Section B, page 36 for breakdown) Spec. No. 125151D
244	610766 (See Note 2)	Magneto, Tecumseh alternator (w/ring gear) (12 Volt, 7 Amp) (Refer to Division 5, Section B, page 26 for breakdown) Spec. Nos. 125009, 10, 13, 15, 25, 27, 33, 48, 50, 52, 53, 56, 57, 71, 80, 82, 106, 117, 141, 161 thru 162C, 164, 164A, 174, 174A, 174C, 135001	244	610954 (See Note 2)	Magneto, Tecumseh alternator (12 Volt, 7 Amp) (Refer to Division 5, Section B, page 33 for breakdown) Spec. Nos. 125075C, 122C, 139C, 190C, 214C, 218C, 219C
244	610953 (See Note 2)	Magneto, Tecumseh alternator (12 Volt, 3 Amp) (Refer to Division 5, Section B, page 33 for breakdown) Spec. Nos. 125075C, 122C, 139C, 190C, 214C, 218C, 219C	244	610984 (See Note 2)	Magneto, Tecumseh alternator (wiring gear) (12 Volt, 3 Amp) (Refer to Division 5, Section B, page 36 for breakdown) Spec. Nos. 125223C, 228C, 229C, 230C, 252C, 135020A
244	610816 (See Note 2)	Magneto, Tecumseh alternator (w/ring gear) (12 Volt, 7 Amp) (Refer to Division 5, Section B, page 26 for breakdown) Spec. Nos. 125130 thru 132A, 143, 151, 151A, 152, 157, 170, 178, 178A, 204A, 207A, 135009, 15	244	611040 (See Note 2)	Magneto, Tecumseh (Refer to Division 5, Section B, page 36 for breakdown) Spec. Nos. 125223D, 229D, 230D, 135020B
244	610976 (See Note 2)	Magneto, Tecumseh alternator (w/ring gear) (12 Volt, 7 Amp) (Refer to Division 5, Section B, page 36 for breakdown) Spec. Nos. 125132C, 151C, 225C, 232C, 238C, 242C, 250C, 251C, 257C, 135021A	245	590420	Starter, Rewind (Refer to Division 5, Section C, page 25 for breakdown) All Spec. Nos. except 125003, 11, 12, 13, 16, 17, 25, 32, 33, 35, 38, 39, 41, 42, 47 thru 50, 52, 61, 66, 82 thru 83C, 89, 99, 104, 106, 113, 119, 122 thru 124, 127, 127A, 130, 134, 135, 136, 141, 142, 146, 149, 150, 161 thru 162C, 168, 177, 183 thru 186A, 191A thru 192D, 196A, 204A, 218C, 226C, 227C, 230C, 230D, 232C, 232D, 235C, 236C, 236D, 239C, 245C, 135001, 2, 5, 7 thru 10, 12, 18 thru 18C, 20A, 20B, 23A, 24A, 26B, 26C
244	611041 (See Note 2)	Magneto, Tecumseh (Refer to Division 5, Section B, page 36 for breakdown) Spec. Nos. 125132D, 232D, 250D, 251D, 252D, 257D, 135021B	245	590427	Starter, Rewind (Refer to Division 5, Section C, page 25 for breakdown) Spec. Nos. 125011, 12, 16, 17, 32, 41, 42, 47, 49, 83, 83A, 83C, 106, 113, 123, 124, 135, 136, 142, 150, 184 thru 186A, 191A, 191C, 226C, 235C, 236C, 236D, 135005
			245	590659	Starter, Rewind (Refer to Division 5, Section C, page 25 for breakdown) Spec. No. 125191D
			245	28319A	Starter, Rewind (Incl. No. 224A) (Refer to Division 5, Section C, page 21 for breakdown) Spec. No. 125177
			245A	30051	Starter, Impulse (Incl. No. 224A) (Refer to Division 5, Section C, page 16 for breakdown) Spec. Nos. 125035, 38
			245A	29750	Starter, Impulse (Incl. No. 224A) (Refer to Division 5, Section C, page 16 for breakdown) Spec. No. 125104

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 Issued September 1967  
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**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**

GRAFTON, WISCONSIN 53024



LAUSON MODELS V70, VH70

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name		
246	29965	Motor, Starter (12 Volt) Spec. Nos. <u>125003</u> , 9, 10, 13, 15, 17, 19, 22, 23, 25, 27, 33, 36, 39, 44, 46, 48, 50, 52, 53, 56, 57, 59, 60, 61, 64, 66, 68, 69, 71, 75 thru 76, 80, 81, 82, 86, 91, 92, 94, 96, 99, 101, 102, 105, 106, 108, 110, 112, 113, 115, 117, 119, 122, 122A, 122C, 124, 125, 127, 127A, 130 thru 132D, 134, 136, 139, 139A, 139C, 141, 143 thru 146, 149, 152, 156, 156A, 157, 164, 168, 170, 183 thru 183E, 188A, 190A, 190C, 192A, 192C, 192D, 195A, 195A, 202A, 204A, 207A, 207C, 213C, 214C, 216C, 218C, 219C, 221C, 223C, 223D, 227C thru 230D, 242C, 245C, 248C, 252C, 252D, 252E, 257C, 257D, 257E, 259E, 135001, 8, 8A, 9, 12, 15, 19A, 20A, 20B, 21A, 21B, 21C, 25A	248	30811A	Flywheel (Ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Std. Point) (V70 thru type letter C, VH70 thru type letter A)		
	or		248	611042		Flywheel (Ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Std. Point) (V70 type letter D) (VH70 type letter B)	
	32468		248	611085			Flywheel (Ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Solid state ignition)
	or		249	33239		Gasket Set (Incl. items marked *)	
	32468A						
	or						
	32468B						
	or						
	33606						
	(See Note 3)						
	247		32386	Starter Motor Kit (110-120 Volt)			
			or				
			32901				
or							
33328							
or							
33328A							
or							
33328B							
or							
33328C							
or							
33518							
or							
33518A							
or							
33518B							
or							
33518C							
(See Note 4)							





# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
Revised May 1986

## CODE EXPLANATION:

\*Indicates items included in gasket set.

\*\*Parts must be ordered from Generac Corp., Waukesha, Wis. 53181

†Standard Hardware, can be purchased locally. For complete description see Standard Hardware Identification List.

Note 1: When using No. 32709 crankshaft in engine model VH7D-135015 or short block 753069, the 3/4" diameter extension must be cut off immediately below the 7/8" diameter threaded area.

Note 2: The complete magneto is not available as an assembly. The magneto is shown for reference purposes only. Order component parts individually, as shown in parts list.

Note 3: The 29965, 32468, 32468A, 32468B and 33606 starter motors are used interchangeably on these models. Refer to service number stamped on end cap of motor, or on decal, for identification. Refer to Division 5 for breakdown as follows:

29965 - Division 5, Section D, Page 4  
32468 - Division 5, Section D, Page 10  
32468A - Division 5, Section D, Page 10  
32468B - Division 5, Section D, Page 14  
33606 - Division 5, Section D, Page 20

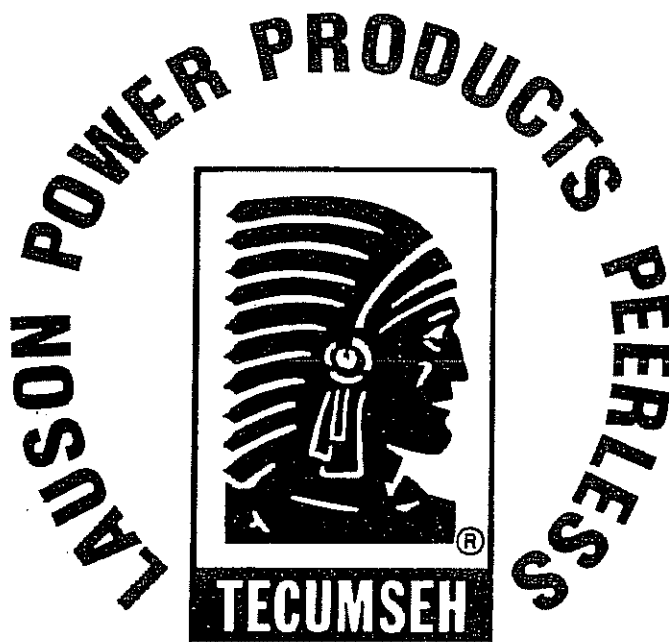
Note 4: The following 110-120 Volt starter motor kits may have been added to these engines. These can be added only if cylinder has drilled and tapped starter mounting bosses. Refer to service number stamped on end cap of motor, or on decal, for identification. Refer to Division 5 for breakdown as follows:

32386 - Division 5, Section D, Page 8  
32901 (CSA Approved) - Division 5, Section D, Page 8  
33328 - Division 5, Section D, Page 16  
33328A - Division 5, Section D, Page 16  
33328B - Division 5, Section D, Page 16  
33328C - Division 5, Section D, Page 16  
33518 (CSA Approved) - Division 5, Section D, Page 16  
33518A (CSA Approved) - Division 5, Section D, Page 16  
33518B (CSA Approved) - Division 5, Section D, Page 16  
33518C (CSA Approved) - Division 5, Section D, Page 16

NOTE: Always check Master Parts Price List for possible replacement numbers.

FILE IN:  
DIVISION 3  
SECTION A  
Issued September 1967  
Revised May 1986

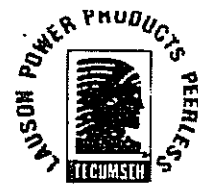
**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
GRAFTON, WISCONSIN 53024



FILE IN:  
DIVISION 5  
SECTION D  
Issued May 1972  
Revised January 1981

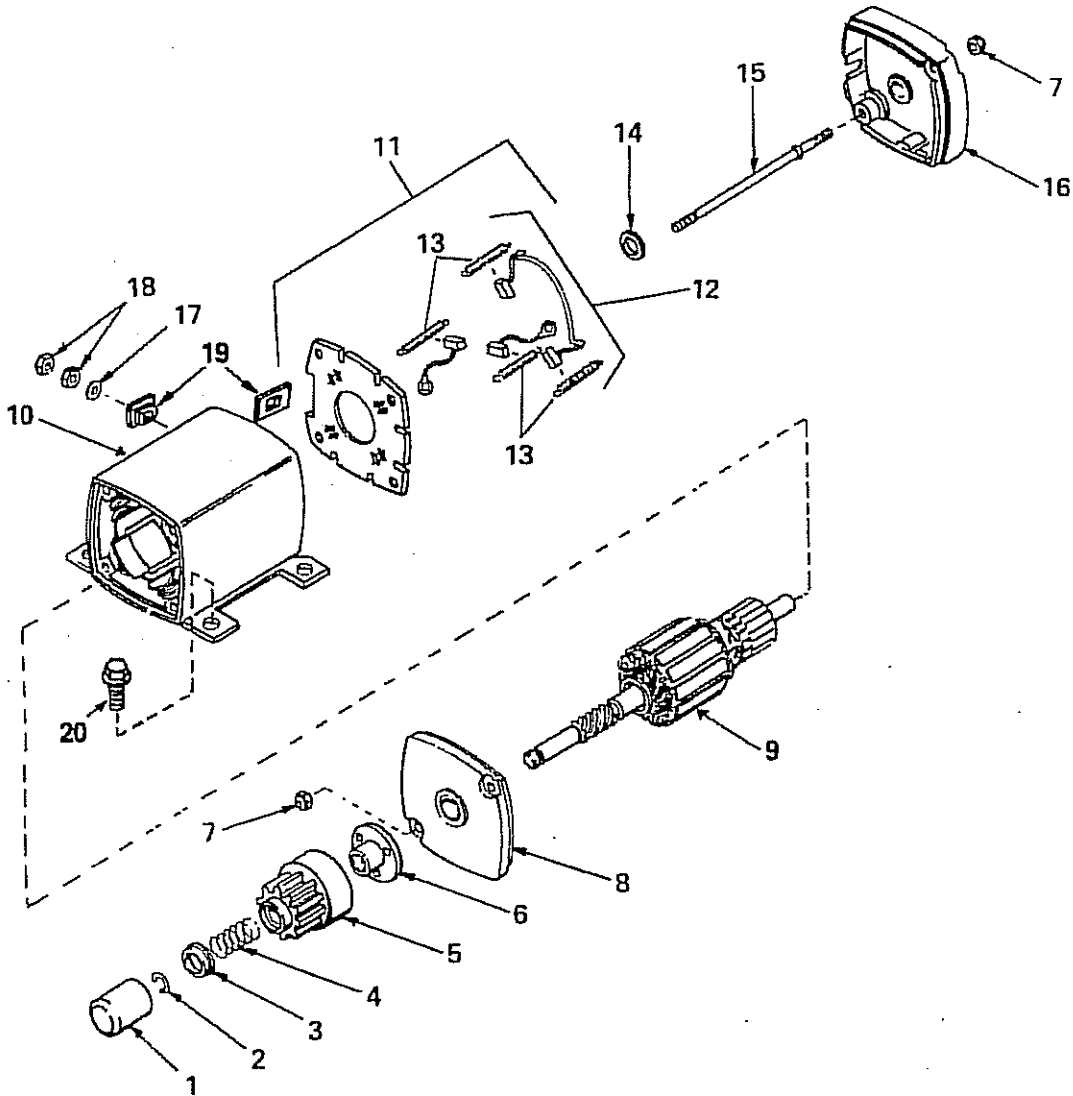
# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024



## 12 VOLT ELECTRIC STARTER MOTOR NOS. 33605, 33606, 33835

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.





# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 5  
SECTION D  
Issued May 1972  
Revised April 1986

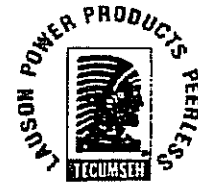
## 12 VOLT ELECTRIC STARTER MOTOR NOS. 33605, 33606, 33835

REF. NO.	PART NO.	PART NAME	STARTER MOTOR NOS.		
			33605	33606	33835
1	33451	Cover, Dust.....	X	X	
1	33841	Cover, Dust.....			X
2	33842	Ring, Retainer.....	X	X	X
3	33430	Retainer, Spring.....	X	X	
3	33843	Retainer, Spring.....			X
4	33431	Spring, Anti-drift.....	X	X	
4	33864	Spring, Anti-drift.....			X
5	33432	Gear.....	X	X	
5	33844	Gear.....			X
6	33433	Nut, Engaging.....	X	X	X
7	33450	Nut, Lock.....	X	X	X
8	33434	Cap Assy., Drive end.....	X	X	
8	33845	Cap Assy., Drive end.....			X
9	33703	Armature.....	X	X	
9	33846	Armature.....			X
10	33759	Housing Assy.....	X		
10	33704	Housing Assy.....		X	
10	33847	Housing Assy.....			X
11	33712	Card Assy., Brush (Incl. No. 12).....	X	X	
11	33848	Card Assy., Brush (Incl. No. 12).....			X
12	33705	Brush & Spring Kit (Incl. 4 pcs. of No. 13).....	X	X	
12	33849	Brush & Spring Kit (Incl. 4 pcs. of No. 13).....			X
13	33440	Spring, Brush.....	X	X	
13	33850	Spring, Brush.....			X
14	590500	Washer, Thrust.....	X	X	X
15	33449	Bolt, 10-32 x 4-1/4.....	X	X	
15	33851	Bolt, 10-32 x 5-1/4.....			X
16	33706	Cap Assy., Commutator end.....	X	X	
16	33852	Cap Assy., Commutator end.....			X
17	650168	Washer, Flat.....	X	X	X
18	650723	Nut, Hex.....	X	X	X
19	34685	Terminal Insulators.....	X	X	X
20	650781	Screw, Hex hd. Sems, 5/16-18 x 1 1/16.....			X

NOTE: Always check Master Parts Price List for possible replacement numbers.

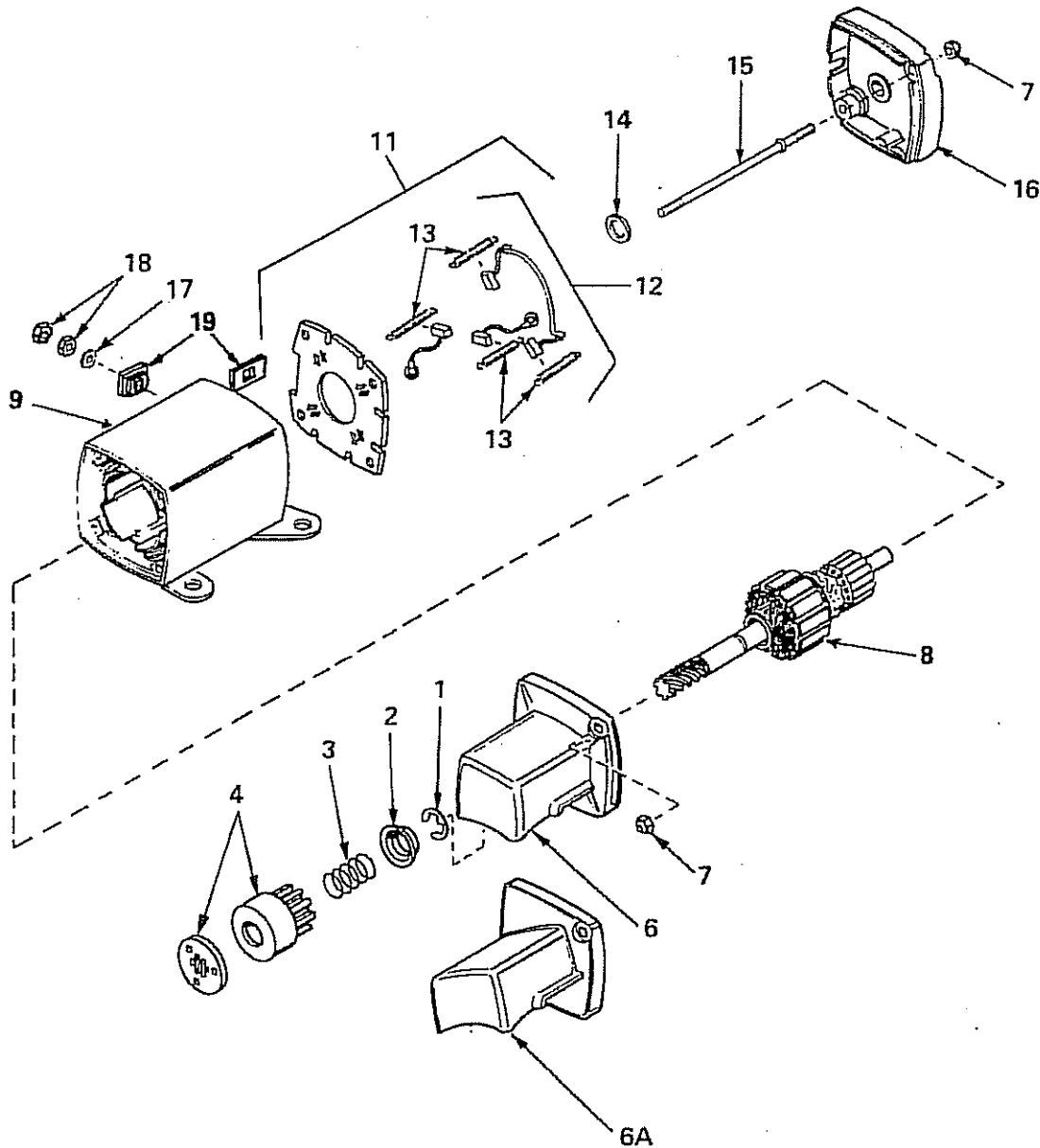
FILE IN:  
DIVISION 5  
SECTION D  
Issued October 1972  
Revised January 1981

**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND GEAR SERVICE DIVISION**  
GRAFTON, WISCONSIN 53024



**12 VOLT ELECTRIC STARTER MOTOR NOS. 33600, 33607, 34421**

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



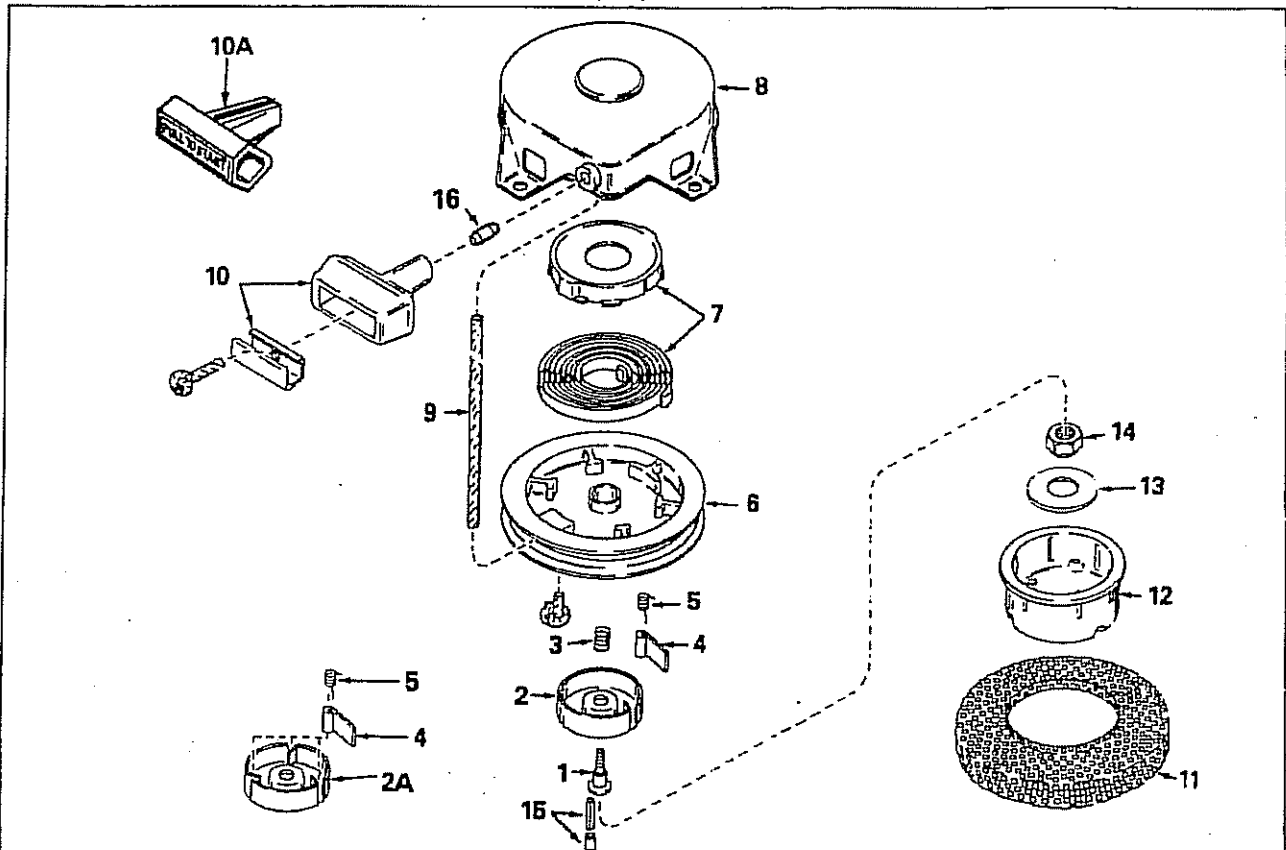


# TECUMSEH PRODUCTS COMPANY ENGINE AND GEAR SERVICE DIVISION

GRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 5  
SECTION C  
Issued March 1965  
Revised June 1983

**STARTER NOS. 590408, 590420, 590420A, 590427, 590449, 590458, 590537,  
590557, 590559**



REF. NO.	PART NO.	PART NAME	STARTER NOS.	590408	590420	590420A	590427	590449	590458	590537	590557	590559
1	*590409A	Screw, Retainer .....		X	X	X	X	X	X	X	X	X
2	590410	Retainer, R.H. ....		X	X	X	X				X	X
2A	590453	Retainer R.H. ....						X	X			
3	590411	Spring, Brake .....		X	X	X	X	X	X	X	X	X
4	590148	Dog, Starter .....		X	X	X	X	X	X	X	X	X
5	590412	Spring, R.H. dog. ....		X	X	X	X				X	X
5	590454	Spring, R.H. dog. ....						X	X			
6	590413A	Pulley .....		X	X	X	X	X	X	X	X	X
7	590414	Spring & Keeper Assy. (Spring is 79" long, 5/16" wide & .020 thick) ..		X	X	X	X	X	X	X	X	X
8	590536	Housing Assy., Starter .....		X	X	X	X	X	X	X		X
8	590558	Housing Assy., 45° Grommet Starter .....										X
9	590451A	Rope, Starter (Length 54" & 11/64" Dia.) .....		X	X			X	X			X
9	590456	Rope, Starter (Length 114" & 11/64" Dia.) .....					X		X			X
9	590535	Rope, Starter (Length 98" & 9/64" Dia.) .....				X				X		
10	590387	Handle Assy., Starter .....		X	X	X	X	X	X			X
10A	590452	Handle, Starter .....									X	
11	590417	Screen, Starter cup .....		X								
12	590416	Cup, Starter .....		X								
13	650815	Washer, Belleville .....		X								
14	650807	Nut, Flywheel .....		X								
15	590459	Pin, Centering (Not used in early production .....		X	X	X	X	X	X			
16	34985	Stop & Staple, Rope (Not used on all models) .....				X						
16	35026	Articulated Coupling, Starter rope (Use as required) .....										

\*When using this 12-28 screw to replace earlier 10-32 screw, drill out the center post with a 13/64" dia. drill.  
NOTE: Always check Master Parts Price List for possible replacement numbers.

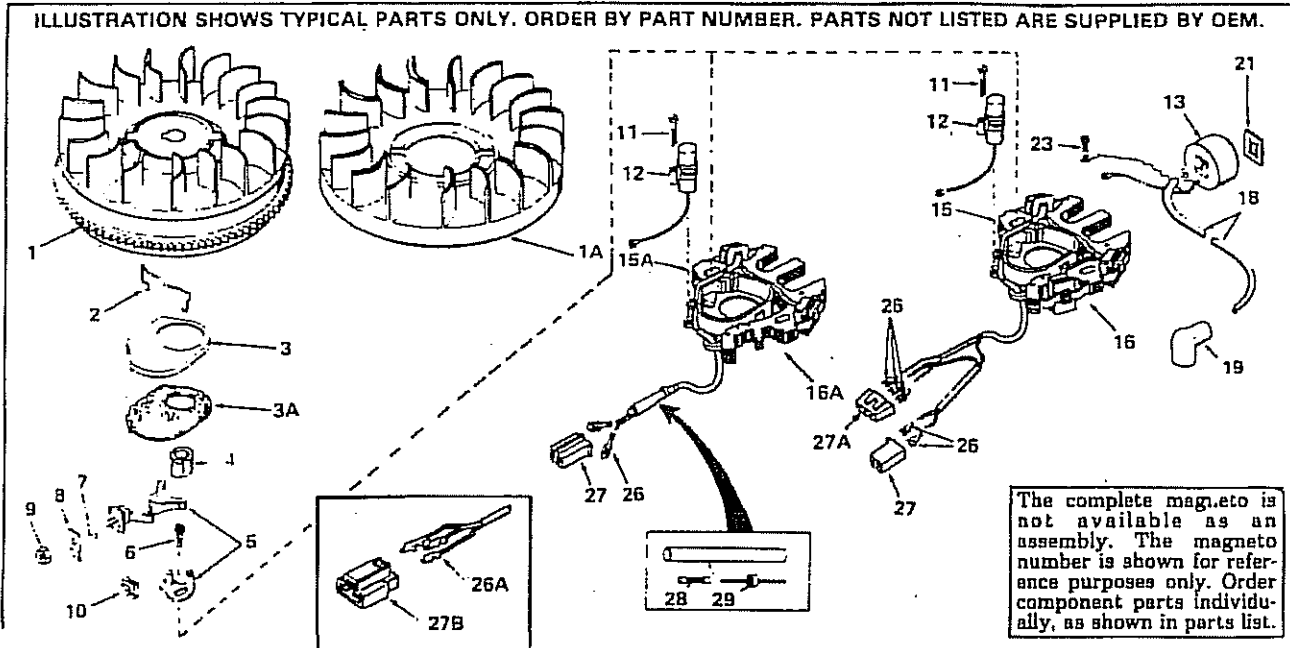
FILE IN:  
 DIVISION 5  
 SECTION B  
 Issued August 1976  
 Revised August 1981

# LAUSON-POWER PRODUCTS PARTS DEPOT



**TECUMSEH 12 VOLT, 3 AMP & 7 AMP MAGNETO NOS. 610972, 610976, 610979, 610982, 610984, 610985, 610987, 611040, 611041**

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list.

REF. NO.	PART NO.	PART NAME	TECUMSEH MAGNETO NO.	610972	610976	610979	610982	610984	610985	610987	611040	611041
1	610915	Flywheel (Incl. No. 1A)		X	X	X	X	X	X	X	X	X
1	610952	Flywheel (Incl. No. 1A)			X			X	X			
1	610986	Flywheel (w/o ring gear) (Incl. No. 1A)								X		
1	611039	Flywheel (Incl. No. 1A)									X	X
1A	610934	Fan		X	X	X	X	X	X	X	X	X
1A	610933	Fan								X		
2	30836	Spring, Dust cover		X	X	X	X	X	X	X	X	X
3	610947	Cover, Dust		X	X	X	X	X	X	X	X	X
3A	610957	Gasket, Dust cover		X	X	X	X	X	X	X	X	X
3A	610956	Gasket, Dust cover			X							
3A	610956	Gasket, Dust cover							X			
3A	610950	Gasket, Dust cover								X		
4	30992	Cam, Breaker		X	X	X	X	X	X	X	X	X
5	30547A	Breaker Assy.		X	X	X	X	X	X	X	X	X
6	29181	Screw & Lockwasher		X	X	X	X	X	X	X	X	X
7	610385	Washer, Terminal		X	X	X	X	X	X	X	X	X
8	33355	Tab, Terminal		X	X	X	X	X	X	X	X	X
9	610408	Nut, Terminal		X	X	X	X	X	X	X	X	X
10	30549	Felt, Cam wiper		X	X	X	X	X	X	X	X	X
11	610593	Screw, Condenser fastening		X	X	X	X	X	X	X	X	X
12	610767A	Condenser		X	X	X	X	X	X	X	X	X
13	30560A	Coil Assy. (Incl. Ref. No. 18)		X	X	X	X	X	X	X	X	X
15	610975	Stator Plate Assy. (Incl. Nos. 2 thru 13, 15, 19, 21 & 23)		X	X	X	X	X	X	X	X	X
15A	610968	Stator Plate Assy. (Incl. Nos. 2 thru 13, 16A, 19, 21 & 23)		X				X	X		X	
15A	610981	Stator Plate Assy. (Incl. Nos. 2 thru 13, 16A, 19, 21 & 23)						X	X	X		
16	610978	Core & Generating Assy. (Incl. Nos. 26, 27 & 27A)		X	X	X					X	X
16A	610977	Core & Generating Assy. (Incl. Nos. 26, 27, 28 & 29)		X				X	X		X	X
16A	610980	Core & Generating Assy. (Incl. Nos. 26A & 27B)						X	X	X	X	X
18	30554	Wire, Lead		X	X	X	X	X	X	X	X	X
19	610118	Cover, Spark plug		X	X	X	X	X	X	X	X	X
21	610738	Clip, Coil fastening		X	X	X	X	X	X	X	X	X
21	610969	Clip, Coil fastening			X							
23	610384	Screw, Ground terminal		X	X	X	X	X	X	X	X	X
26	610922	Terminal, Female		X	X	X					X	X
26A	610822	Terminal, Male					X		X			
27	610921	Connector		X	X	X		X			X	X
27A	610824	Connector, Flat			X	X						X
27B	610823	Connector, Pyramid					X		X			
28	29561	Fuse (6 Amp)		X				X			X	X
29	610935	Diode Assy. (Incl. shrink tubing)		X				X			X	X



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE DIVISION**  
 GRAFTON, WISCONSIN 53024

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
380	632256	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 184 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. 150128H thru 131J, 158L thru 159M, 170N, 171N, 173N, 175N, 176N, 178N, 179N			156K, 158L, 159L, 163L, 157000D thru 0G, 26D, 26E, 37D thru 40G, 41D thru 41G, 45D thru 45G, 48D, 54D thru 54G, 64D thru 64G, 65D thru 65G, 66D, 67D, 72D thru 73G, 74D thru 74G, 75E thru 75G, 77E, 78E, 87F, 94F, 94G, 96F, 96G, 98F, 103G, 111G, 112G, 113G
380	632241	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 182 for breakdown or Fiche 10A, Grid E-11) Spec. Nos. 157000D thru 31E, 37D thru 57F, 60D, 61D, 63D thru 68D, 70D thru 75J, 78E thru 80E, 82F, 82G, 85F thru 89F, 91F, 92F, 94F thru 96J, 98F, 103G, 107G, 107H, 110G thru 114H, 118H, 118J, 121H, 123J, 124J, 125J, 130J, 131J, 133J	390A	590633	Starter, Rewind (Refer to Division 5, Section C, page 30 for breakdown or Fiche 10A, Grid G-9) Spec. Nos. 127011G, 11H, 17G, 18H, 150000M, 0N, 91J, 113M, 113N, 130J, 131J, 132M, 132N, 133M, 133N, 135J, 135M, 145M, 145N, 146M, 146N, 147M, 147N, 149M, 162N, 168M, 169M, 165M thru 179N, 181N thru 184N, 157000H, 0J, 40H, 40J, 41H, 41J, 54H, 64H, 64J, 65H, 65J, 73H, 74H, 74J, 75H, 75J, 92F, 94H, 94J, 96H, 96J, 118H, 118J, 121H, 125J, 130J, 131J, 133J
380	632254	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 184 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. 157035D, 35E, 59D, 77E, 90F	392	590343	Rope Assy., Starter
380	632282	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 186 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. 157058D, 58E, 62D, 62E, 69D, 69E, 69F, 76E, 76H, 81F, 81G, 83F, 84F, 84G, 84J, 93F, 93G, 97F, 97G, 97J, 101G, 102G, 106G, 106H, 108G, 119J, 120J, 122J, 126H, 128J	393	33286	Hub & Screen Assy., Starter Spec. Nos. 150062H, 63H, 157028D, 28E, 60D, 89F
380	632422	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 202 for breakdown or Fiche 10A, Grid F-3) Spec. Nos. 157069G, 83G, 83H, 83J, 99G, 100G, 115H, 115J, 127J	395	33605	Motor, Starter (12 Volt) (Refer to Division 5, Section D, page 20 for breakdown or Fiche 10A, Grid G-11) Spec. Nos. 127018H, 150040H, 40J, 129H, 129J, 129K, 131H, 131J, 133H thru 134L, 136H thru 138H, 145H thru 145N, 149J thru 161N, 169L, 169M, 160L, 164M, 164N, 165M, 171N, 172N, 176N, 177N, 179N, 180N, 181N, 183N, 157022D, 22E, 31D, 31E, 41D thru 45G, 48D, 51D, 51F, 51G, 56D thru 59D, 62D thru 64J, 67D thru 71E, 74D thru 82G, 93F thru 94J, 99G thru 102G, 104G, 106G thru 107H, 109G, 111G, 112G, 115H thru 117H, 119J, 122J, 123J, 124J, 126H, 127J, 131J
380	632430	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 202 for breakdown or Fiche 10A, Grid F-3) Spec. Nos. 157104G, 109G, 109H, 116H, 116J, 117H			
381	29117	Screw, Hex hd. Shakeproof, thread cutting, 8-32 x 5/16 (Not used on late production)			
382	33581	Screen, Oil filter (Not used in late production)			
<p><b>NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508.</b></p>					
390	590479	Starter, Rewind (Refer to Division 5, Section C, page 30 for breakdown or Fiche 10A, Grid G-9) Spec. Nos. 127000C thru 0F, 8C thru 11F, 12C thru 17F, 150000H thru 0L, 16H thru 51J, 64H, 65H, 71H, 91H, 113H thru 113L, 114H thru 116J, 126H thru 130H, 131H, 132H thru 132L, 133H thru 133L, 135H, 136K, 135L, 136H, 136J, 139H, 140H, 141H, 143H thru 145L, 146H thru 146L, 147H thru 147L, 148J thru 149K, 154K	400	33279G	Gasket Set (Incl. items marked *)
		(CONT. TOP OF NEXT COLUMN)	407	35837	Fill Tube & Dipstick Assy. Spec. Nos. 127000C thru 9D, 11C thru 17G, 150000H thru 17H, 40H thru 51J, 64H, 71H, 91H thru 113M, 114H thru 122J, 132H thru 133M, 134H thru 137H, 140H, 143H thru 145M, 146H thru 146M, 147H thru 147M, 148J thru

**NOTE: Engine requires a ring gear flywheel (611091 minimum) and the cylinder must have drilled and tapped starter mounting bosses to add the electric starter. The other ring gear flywheels listed in this manual section can also be used with these electric starters.**





**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE DIVISION**  
**GRAFTON, WISCONSIN 53024**

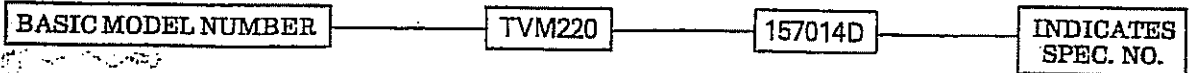
FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

**BASIC  
 MODEL**

**SPECIFICATION  
 NUMBERS**

- TVM170** 127000C, 127000D, 127000E, 127000F, 127000G, 127000H, 127008C, 127008D, 127009C, 127009D, 127010C, 127011C, 127011D, 127011E, 127011F, 127011G, 127011H, 127012C, 127013E, 127014F, 127015F, 127016F, 127017F, 127017G, 127018H
- TVM196** 150000H, 150000J, 150000K, 150000L, 150000M, 150000N, 150016H, 150016J, 150017H, 150089H, 150099J, 150040H, 150040J, 150051H, 150051J, 150062H, 150063H, 150064H, 150065H, 150071H, 150080H, 150080J, 150091H, 150091J, 150113H, 150113J, 150113K, 150113L, 150113M, 150113N, 150114H, 150114J, 150116H, 150116J, 150122H, 150122J, 150128H, 150128J, 150128K, 150129H, 150129J, 150129K, 150130H, 150130J, 150131H, 150131J, 150132H, 150132J, 150132K, 150132L, 150132M, 150132N, 150133H, 150133J, 150133K, 150133L, 150133M, 150133N, 150134H, 150134J, 150134K, 150134L, 150135H, 150135J, 150135K, 150136L, 150136M, 150136H, 150136J, 150137H, 150138H, 150139H, 150140H, 150141H, 150142H, 150143H, 150144H, 150146H, 150146J, 150145K, 150145L, 150145M, 150145N, 150146H, 150146J, 150146K, 150146L, 150146M, 150146N, 150147H, 150147J, 150147K, 150147L, 150147M, 150147N, 150148J, 150148K, 150149J, 150149K, 150149M, 150150J, 150151K, 150151L, 150151M, 150151N, 150152K, 150152L, 150152N, 150154K, 150155K, 150156K, 150157K, 150158L, 150158M, 150159L, 150159M, 150160L, 150163L, 150164M, 150164N, 150165M, 150166M, 150166N, 150167M, 150168N, 150169N, 150170N, 150171N, 150172N, 150173N, 150174N, 150175N, 150176N, 150177N, 150178N, 150179N, 150180N, 150181N, 150182N, 150183N, 150184N
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**A TECUMSEH 4-CYCLE ENGINE MODEL NUMBER AND WHAT IT MEANS**



NOTE: Basic model numbers listed above will not be referred to in Parts List. Specification number only is necessary for parts identification.

MODEL	BORE	STROKE	DISPLACEMENT
TVM170 thru E	2-15/16"/74.53mm	2-17/32"/64.31mm	17.17 C.I./281.4cc
TVM170F & Above	3-1/8"/79.39mm	2-17/32"/64.31mm	19.43 C.I./318.3cc
TVM196	3-1/8"/79.39mm	2-17/32"/64.31mm	19.43 C.I./318.3cc
TVM220	3-5/16"/84.14mm	2-17/32"/64.31mm	21.82 C.I./357.6cc

Litho in U.S.A.

FILE IN:  
DIVISION 3  
SECTION A  
Issued April 1982  
Revised March 1991

# TECUMSEH PRODUCTS COMPANY

## ENGINE AND TRANSMISSION GROUP

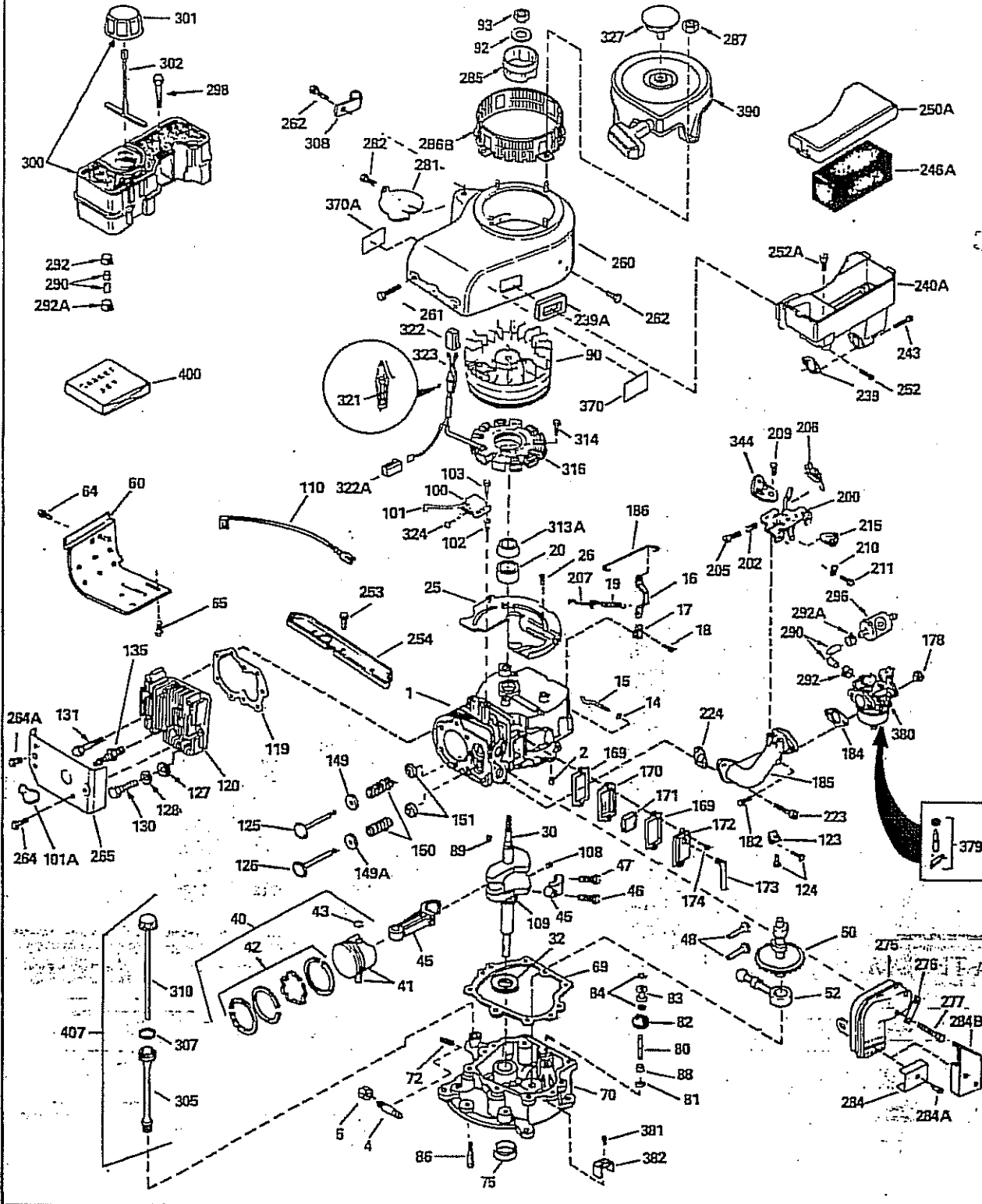
### SERVICE DIVISION

GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



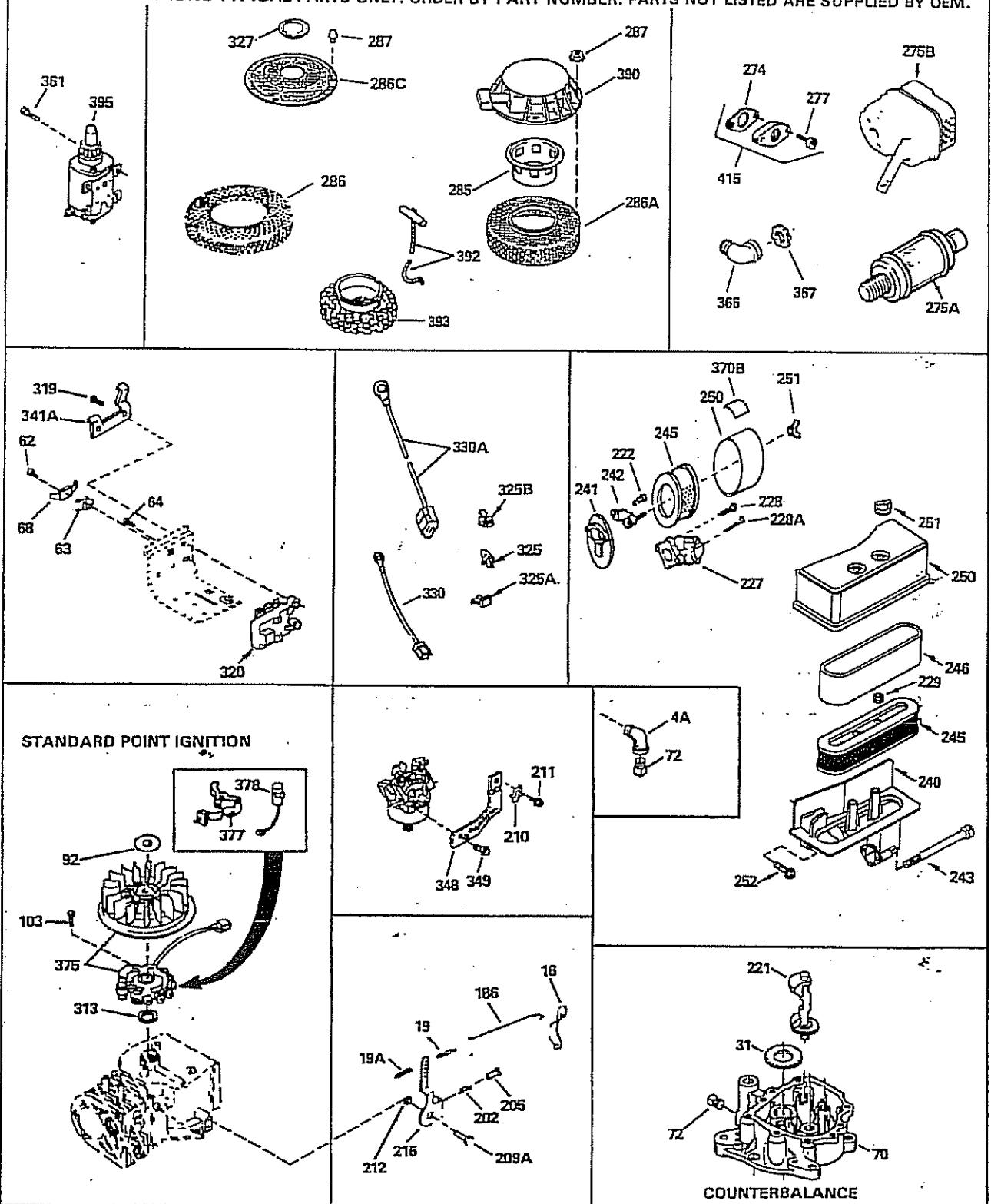


**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE DIVISION  
CRAFTON, WISCONSIN 53024

FILE IN:  
DIVISION 3  
SECTION A  
Issued April 1982  
Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



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DIVISION 3  
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Issued April 1982  
Revised March 1991

# TECUMSEH PRODUCTS COMPANY

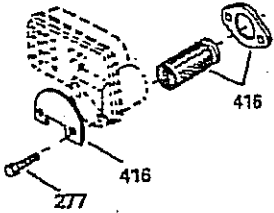
ENGINE AND TRANSMISSION GROUP  
SERVICE DIVISION  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

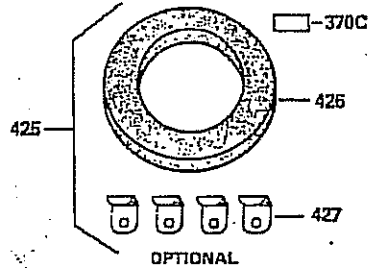
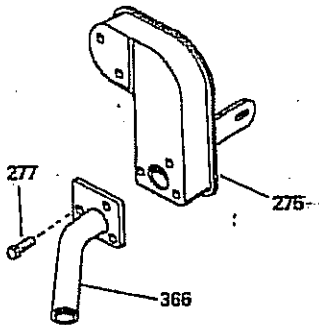
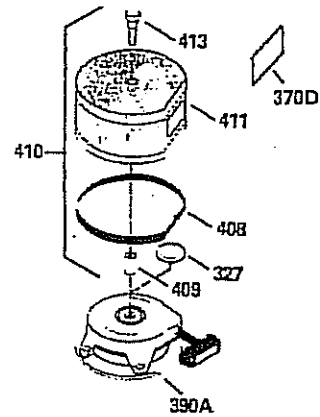
OPTIONAL SPARK  
ARRESTOR.



MUFFLER (QUIET)  
(OPTIONAL)



DEBRIS SCREEN KIT  
(OPTIONAL)





**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	34320A	Cylinder Assy. (2-15/16" Bore) (Incl. Nos. 2 & 20) Spec. Nos. <u>127000C</u> , 0D, 0E, 8C thru 11E, 12C, 13E			<u>150000J</u> thru 0N, 16J, 39J, 40J, 51J, 80J, 91J, 113J thru 113N, 114J, 116J, 122J, 128J, 128K, 129J, 129K, 130J, 131J, 132J thru 132N, 133J thru 133N, 134J, 134K, 134L, 135J thru 135M, 136J, 145J thru 145N, 146J thru 146N, 147J thru 184N, <u>157000E</u> thru 0J, 14E, 22E, 25E, 26E, 27E, 28E, 31E, 35E, 37E thru 40J, 41E thru 41J, 45E, 45F, 45G, 47E, 51F, 51G, 54E thru 54H, 56E, 57E, 57F, 58E, 62E, 64E thru 64J, 65E thru 65J, 69E, 69F, 69G, 71E, 72E, 73E thru 73J, 74E thru 133J
1	35383	Cylinder Assy. (3-1/8" Bore) (Incl. Nos. 2 & 20) Spec. Nos. <u>127000F</u> , 0G, 0H, 11F, 11G, 11H, 14F thru 18H, <u>150000L</u> , 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N			Rod, Governor Spec. Nos. <u>127000C</u> , 8C, 9C, 10C, 11C, 12C, <u>150000H</u> , 16H, 17H, 39H, 40H, 51H, 62H thru 80H, 91H, 113H, 114H, 116H, 122H, 128H, 129H, 130H, 131H, 132H, 133H, 134H, 135H, 136H, 137H thru 145H, 146H, 147H, <u>167000D</u> , 14D, 22D, 25D, 26D, 27D, 28D, 31D, 35D, 37D, 41D, 45D, 47D, 48D, 51D, 54D, 55D, 57D, 58D, 59D thru 62D, 63D, 64D, 65D, 66D thru 69D, 70D, 71D, 72D, 73D, 74D
1	34328B	Cylinder Assy. (3-1/8" Bore) (Incl. Nos. 2, 20 & 149A) Spec. Nos. <u>150000H</u> , 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 145H, 146J, 146K, 147H thru 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N	15	33577	Lever, Governor Clamp, Governor lever Scraw, Hex washer hd., 8-32 x 5/16 Spring, Extension Spec. Nos. <u>127000D</u> thru 0H, 8D, 9D, 11D thru 11H, 13E thru 18H, <u>150000J</u> thru 0N, 16J, 39J, 40J, 51J, 80J, 91J, 113J thru 113N, 114J, 116J, 122J, 128J, 128K, 129J, 129K, 130J, 131J, 132J thru 132N, 133J thru 133N, 134J, 134K, 134L, 135J thru 135M, 136J, 145J thru 145N, 146J thru 146N, 147J thru 184N, <u>167000E</u> thru 0J, 14E, 22E, 25E, 26E, 27E, 28E, 31E, 35E, 37E thru 40J, 41E thru 41J, 45E, 45F, 45G, 47E, 51F, 51G, 54E thru 54H, 56E, 57E, 57F, 58E, 62E, 64E thru 64J, 65E thru 65J, 69E, 69F, 69G, 71E, 72E, 73E thru 73H, 74E thru 133J
1	34908A	Cylinder Assy. (3-5/16" Bore) (Incl. Nos. 2 & 20) Spec. Nos. <u>157000D</u> , 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 66F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J	16	32651	Spring, Governor Spec. Nos. <u>127000D</u> thru 0H, 8D, 9D, 11D thru 11H, 13E thru 18H, <u>150000J</u> thru 0N, 16J, 39J, 40J, 51J, 80J, 91J, 113J thru 113N, 114J, 116J, 122J, 128J, 128K, 129J, 129K, 130J, 131J, 132J thru 132N, 133J thru 133N, 134J, 134K, 134L, 135J thru 135M, 136J, 145J thru 145N, 146J thru 146N, 147J thru 184N, <u>167000E</u> thru 0J, 14E, 22E, 25E, 26E, 27E, 28E, 31E, 35E, 37E thru 40J, 41E thru 41J, 45E, 45F, 45G, 47E, 51F, 51G, 54E thru 54H, 56E, 57E, 57F, 58E, 62E, 64E thru 64J, 65E thru 65J, 69E, 69F, 69G, 71E, 72E, 73E thru 73H, 74E thru 133J
1	35379	Cylinder Assy. (3-5/16" Bore) (Incl. Nos. 2 & 20) Spec. Nos. <u>157000G</u> , 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 54G, 54H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 89G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G, 102G thru 106H, 108G, 109G, 109H, 111G thru 115J, 117H thru 120J, 122J, 123J, 126H, 127J, 128J, 133J	17	31335	Spring, Governor Spec. Nos. <u>127000C</u> , 8C, 9C, 10C, 11C, 12C, <u>150000H</u> , 16H, 17H, 39H, 40H, 51H, 62H thru 80H, 91H, 113H, 114H, 116H, 122H, 128H, 129H, 130H, 131H, 132H, 133H, 134H, 135H, 136H, 137H thru 145H, 146H, 147H, <u>167000D</u> , 14D, 22D, 25D, 26D, 27D, 28D, 31D, 35D, 37D, 40D, 41D, 45D, 47D, 48D, 51D, 54D, 55D, 57D, 58D, 59D thru 62D, 63D, 64D, 65D, 66D thru 69D, 70D, 71D, 72D, 73D, 74D
1	35421	Cylinder Assy. (3-5/16" Bore) (Incl. Nos. 2 & 20) Spec. Nos. <u>157100G</u> , 101G, 107G, 107H, 116H, 116J, 121H, 130J, 131J	18	650548	Spring, Extension Spec. Nos. <u>127000D</u> thru 0H, 8D, 9D, 11D thru 11H, 13E thru 18H, <u>150000J</u> thru 0N, 16J, 39J, 40J, 51J, 80J, 91J, 113J thru 113N, 114J, 116J, 122J, 128J, 128K, 129J, 129K, 130J, 131J, 132J thru 132N, 133J thru 133N, 134J, 134K, 134L, 135J thru 135M, 136J, 145J thru 145N, 146J thru 146N, 147J thru 184N, <u>167000E</u> thru 0J, 14E, 22E, 25E, 26E, 27E, 28E, 31E, 35E, 37E thru 40J, 41E thru 41J, 45E, 45F, 45G, 47E, 51F, 51G, 54E thru 54H, 56E, 57E, 57F, 58E, 62E, 64E thru 64J, 65E thru 65J, 69E, 69F, 69G, 71E, 72E, 73E thru 73H, 74E thru 133J
2	27652	Pin, Dowel	19	31361	Spring, Governor Spec. Nos. <u>127000C</u> , 8C, 9C, 10C, 11C, 12C, <u>150000H</u> , 16H, 17H, 39H, 40H, 51H, 62H thru 80H, 91H, 113H, 114H, 116H, 122H, 128H, 129H, 130H, 131H, 132H, 133H, 134H, 135H, 136H, 137H thru 145H, 146H, 147H, <u>167000D</u> , 14D, 22D, 25D, 26D, 27D, 28D, 31D, 35D, 37D, 40D, 41D, 45D, 47D, 48D, 51D, 54D, 55D, 57D, 58D, 59D thru 62D, 63D, 64D, 65D, 66D thru 69D, 70D, 71D, 72D, 73D, 74D
4	33998	Nipple, Oil drain Spec. Nos. <u>150071H</u> , <u>157072E</u>	19A	34043	Spring, Extension Spec. Nos. <u>127000D</u> , 8D, 9D, 11D, <u>150000J</u> , 15J, 39J, 40J, 51J, 80J, 91J, (CONT. TOP OF NEXT PAGE)
4A		Elbow, 90 degree, 3/8-18 thread (Can be purchased locally.) Spec. No. <u>150180N</u>			
5	32154	Cap, Pipe (Oil drain) Spec. Nos. <u>150071H</u> , <u>157072E</u>			
14	28277	Washer, Flat			
15	35082	Rod, Governor Spec. Nos. <u>127000D</u> thru 0H, 8D, 9D, 11D thru 11H, 13E thru 18H, (CONT. TOP OF NEXT COLUMN)			

FILE IN:  
DIVISION 3  
SECTION A  
Issued April 1982  
Revised March 1991

**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE OPERATIONS  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
19A	35203	113J, 114J, 116J, 122J, 128J, 129J, 130J, 131J, 132J, 133J, 134J, 135J, 136J, 145J, 146J, 147J, 148J, 149J, 150J, 166M, 166N, 168N, 169N, 157000E, 14E, 22E, 25E, 26E, 27E, 28E, 31E, 35E, 37E, 40E, 41E, 45E, 47E, 54E, 56E, 57E, 58E, 62E, 64E, 65E, 69E, 71E, 72E, 73E, 74E, 75E, 76E thru 79E, 80E, 92F, 96G, 96H, 96J, 103G, 104G, 109G, 109H, 116H thru 118J, 124J, 125J, 133J Spring, Extension Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 13E thru 18H, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 136K thru 135M, 146K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 165M, 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F thru 54H, 57F, 54F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 91F, 93F thru 96F, 97F thru 102G, 106G thru 108G, 110G thru 115J, 119J thru 123J, 126H thru 131J	25	35256A	Baffle, Blower housing Spec. Nos. 127000C, 0D, 0E, 08C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 66F, 66D thru 69F, 70D thru 73F, 74D, 74E, 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J
20	32630	Seal, Oil Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 146K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 66F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J	25	35326	Baffle, Blower housing Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 45G, 51G, 54G, 54H, 64G, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 75G, 81G, 82G, 83G, 84G, 93G, 94G, 96G, 96H, 96J, 97G, 97J, 99G thru 106G, 109G, 109H, 111G thru 114H, 118H, 118J, 121H, 130J, 133J
20	35319	Seal, Oil Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 123J, 126H thru 133J	25	35424	Baffle, Blower housing (Incl. No. 325) Spec. Nos. 157041H, 41J, 64H, 64J, 74H, 74J, 75H, 75J, 76H, 83H, 83J, 84J, 94H, 94J, 106H thru 108G, 115H thru 117H, 119J, 120J, 122J, 123J, 126H, 127J, 128J, 131J
			26	650561	Screw, Hex washer hd. Durluk, 1/4-20 x 5/8
			30	38644B	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 127000C, 0D, 150000H, 0J, 39H thru 51J, 71H thru 119J, 128H, 128J, 129H, 129J, 130H thru 131J, 135H, 136J, 137H, 139H thru 145J, 147H, 147J, 148J, 149J, 154K, 155K, 168N, 169N, 157000D, 0E, 22D thru 25E, 37D, 37E, 45D, 45E, 48D, 54D, 54E, 55D, 57D, 64D, 64E, 65D, 65E, 66D, 68D, 70D, 72D, 72E, 74D, 74E, 77E, 78E, 79E, 86F, 92F, 124J, 125J
			30	35199	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 127000E, 150000K, 113K, 128K, 129K, 136K, 145K, 147K, 148K, 149K, 157000F, 45F, 54F, 64F, 65F, 74F, 79F, 94F, 96F, 98F
			30	35380	Crankshaft Assy. Spec. Nos. 127000F, 0G, 0H, 17F, 17G, 150000L, 0M, 0N, 113L, 113M, 113N, (CONT. TOP OF NEXT PAGE)



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE DIVISION**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
		135L, 135M, 145L, 145M, 145N, 147L, 147M, 147N, 149M, 158L, 158M, 159L, 159M, 166M, 166N, 170N thru 176N, 178N thru 180N, 157000G, 0H, 0J, 45G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 74G, 74H, 74J, 94G, 94H, 94J, 96G, 96H, 96J, 99G, 111G thru 114H, 118H, 118J, 123J, 133J	30	34989	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 157031D, 31E, 71D, 71E
30	34181A	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 127008C thru 9D, 13E, 150064H, 116H, 116J, 134H, 134J, 163L, 157026D, 26E, 47D, 47E, 69D, 69E, 87F, 91F	30	34988	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. No. 157063D
30	34471A	Crankshaft (Incl. Nos. 108 & 109) Spec. Nos. 127010C, 150138H, 157027D, 27E, 51D, 88F	30	35158	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. No. 157080E
30	35030	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 127011C, 11D	30	35266	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. No. 157082F
30	35369	Crankshaft (Incl. Nos. 108 & 109) Spec. No. 127011E	30	35438	Crankshaft Spec. No. 157082G
30	35465	Crankshaft Spec. Nos. 127011F, 11G, 11H	30	35429	Crankshaft Spec. Nos. 157100G, 101G, 116H, 116J, 121H, 130J, 131J
30	33710B	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 127012C, 157067D	30	35418	Crankshaft Spec. No. 157109G
30	35434	Crankshaft Spec. Nos. 127014F, 15F	30	35422	Crankshaft Spec. Nos. 157107G, 107H
30	35415	Crankshaft Spec. Nos. 127016F, 150152L, 152N, 157051G, 97G, 97J	30	35530	Crankshaft Spec. No. 157117H
30	35388A	Crankshaft Spec. Nos. 127018H, 150132L, 132M, 132N, 133L, 133M, 133N, 134L, 146L, 146M, 146N, 151L, 151M, 151N, 160L, 164M, 184N, 185M, 187M, 177N, 181N thru 184N, 157040G, 40H, 40J, 41G, 41H, 41J, 69G, 73G, 73H, 73J, 75G, 75H, 75J, 76H, 81G, 83G, 83H, 83J, 84G, 84J, 93G, 102G, 104G, 106G, 106H, 108G, 109G, 109H, 115H, 115J, 119J, 120J, 122J, 126H, 127J, 128J	31	35327	Gear, Counterbalance Spec. Nos. 157100G, 101G, 107G, 107H, 116H, 116J, 121H, 130J, 131J
30	33294B	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 150018H, 16J, 17H, 62H, 63H, 65H, 114H, 114J, 122H, 122J, 156K, 167K, 157014D, 14E, 28D, 28E, 35D, 35E, 60D, 61D, 85F, 89F, 90F, 110G	32	35653	Washer, Thrust (1-3/8" I.D. 1-3/4" O.D. .015" thick)
30	34940	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 150132H, 132J, 133H, 133J, 136H, 136J, 146H, 146J, 150J, 157040D, 40E, 41D, 41E, 56E, 57E, 58D, 58E, 59D, 62D, 62E, 73D, 73E, 75E, 76E	40	34649	Piston, Pin & Ring Assy. (Std.) (Incl. Nos. 41, 42 & 43) (2-15/16")
30	35200	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 150132K, 133K, 134K, 146K, 157040F, 41F, 57F, 69F, 73F, 75F, 81F, 83F, 84F	40	34550	Piston, Pin & Ring Assy. (.010 oversize) (Incl. Nos. 41, 42 & 43)
30	35246	Crankshaft Assy. (Incl. Nos. 108 & 109) Spec. Nos. 150151K, 152K, 157051F, 93F, 97F	40	34551	Piston, Pin & Ring Assy. (.020 oversize) (Incl. Nos. 41, 42 & 43)
			41	34321A	Piston & Pin Assy. (Std.) (Incl. No. 43) (2-15/16")
			41	34322A	Piston & Pin Assy. (.010 oversize) (Incl. No. 43)
			41	34323A	Piston & Pin Assy. (.020 oversize) (Incl. No. 43)
			42	34324	Ring Set, Piston (Std.) (2-15/16")
			42	34325	Ring Set, Piston (.010 oversize)
			42	34326	Ring Set, Piston (.020 oversize)
			43	27888	Ring, Piston Pin retaining Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E
			40	34552	Piston, Pin & Ring Assy. (Std.) (Incl. Nos. 41, 42 & 43) (3-1/8")
			40	34553	Piston, Pin & Ring Assy. (.010 oversize) (Incl. Nos. 41, 42 & 43)
			40	34554	Piston, Pin & Ring Assy. (.020 oversize) (Incl. Nos. 41, 42 & 43)
			41	34329A	Piston & Pin Assy. (Std.) (Incl. No. 43) (3-1/8")
			41	34330A	Piston & Pin Assy. (.010 oversize) (Incl. No. 43)
			41	34331A	Piston & Pin Assy. (.020 oversize) (Incl. No. 43)
			42	34332	Ring Set, Piston (Std.) (3-1/8")
			42	34333	Ring Set, Piston (.010 oversize)
			42	34334	Ring Set, Piston (.020 oversize)
			43	27888	Ring, Piston Pin retaining Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000H thru 184N

FILE IN:  
DIVISION 3  
SECTION A  
Issued April 1982  
Revised March 1991

**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE DIVISION  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name
40	34860A	Piston, Pin & Ring Assy. (Std.) (Incl. Nos. 41, 42 & 43) (3-5/16")
40	34861A	Piston, Pin & Ring Assy. (.010 oversize) (Incl. Nos. 41, 42 & 43)
40	34862A	Piston, Pin & Ring Assy. (.020 oversize) (Incl. Nos. 41, 42 & 43)
41	34863	Piston & Pin Assy. (Std.) (3-5/16") (Incl. No. 43)
41	34864	Piston & Pin Assy. (.010 oversize) (Incl. No. 43)
41	34865	Piston & Pin Assy. (.020 oversize) (Incl. No. 43)
42	34866A	Ring Set, Piston (Std.) (3-5/16")
42	34867A	Ring Set, Piston (.010 oversize)
42	34868A	Ring Set, Piston (.020 oversize)
43	27888	Ring, Piston pin retaining
45	35373A	Spec. Nos. 157000D thru 133J Rod Assy., Connecting (Incl. Nos. 46 & 47) Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 116J, 118H thru 123J, 126H thru 133J 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 116J, 118H thru 123J, 126H thru 133J
45	32591C	Rod Assy., Connecting (Incl. No. 47) Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 117H, 124J, 125J
46	650908	Bolt, Connecting rod Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 116J, 118H thru 123J, 126H thru 133J

(CONT. TOP OF NEXT COLUMN)

Ref. No.	Part No.	Part Name
		149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 116J, 118H thru 123J, 126H, 127J thru 133J
47	650662C	Bolt, Connecting rod (2 pieces) Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 117H, 124J, 125J
47	650882	Bolt, Connecting rod (Used (2) in early production) Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 116J, 118H thru 123J, 126H, 127J thru 133J
48	34034	Lifter, Valve
50	34040	Camshaft (Mechanical Compression Release) Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N,

(CONT. TOP OF NEXT PAGE)





**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
50	35381	157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Camshaft (Mech. Compression Release) Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 146N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 162L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 54G, 64H, 64J, 65G, 65H, 66J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 123J, 126H, 127J thru 133J Pump Assy., Oil Extension, Blower housing Screw, Pan.hd. taptite, 8-32 x 3/8 Spec. Nos. 127008C thru 10C, 13E, 14F, 15F, 150039H, 39J, 62H, 71H, 116H thru 122J, 134L thru 137H, 141H, 149J, 149K, 149M, 151L, 151M, 151N, 154K, 157K, 160L, 163L, 164M, 164N, 169N, 181N, 183N, 157025D thru 26E, 45D thru 45G, 54D thru 54H, 69G, 72D, 72E, 79E, 79F, 83G, 83H, 83J, 86F, 87F, 93G, 98F thru 102G, 104G, 107G, 107H, 108G, 109G, 112G, 114G thru 117H, 122J, 123J, 127J, 128J, 131J, 133J Grommet, Plastic Spec. Nos. 127008C thru 10C, 13E, 14F, 15F, 150039H, 39J, 62H, 71H, 116H thru 122J, 134L thru 137H, 141H, 149J, 149K, 149M, 151L, 151M, 151N, 154K, 157K, 160L, 163L, 164M, 164N, 169N, 181N, 183N, 157025D thru 26E, 45D thru 45G, 54D thru 54H, 69G, 72D, 72E, 79E, 79F, 83G, 83H, 83J, 86F, 87F, 93G, 98F thru 102G, 104G, 107G, 107H, 108G, 109G, 112G, 114G thru 117H, 122J, 123J, 127J, 128J, 131J, 133J Screw, Torx T-30 Hex washer hd. Sems, 1/4-20 x 1/2 Screw, Hex hd. Sems, 10-24 x 1/2 Terminal, Ground Spec. No. 157025D, 25E, 86F Terminal, Ground Spec. Nos. 127008C thru 10C, 13E, 14F, 15F. (CONT. TOP OF NEXT COLUMN)	69	*35262	150039H, 39J, 62H, 71H, 116H thru 122J, 134L, 151L, 151M, 151N, 154K, 157K, 160L, 163L, 164M, 164N, 181N, 183N, 157025D, 26E, 69G, 72D, 72E, 83G, 83H, 83J, 87F, 93G, 96F, 99G, 100G, 101G, 102G, 104G, 108G, 109G, 112G, 114G thru 117H, 122J, 123J, 127J, 128J, 131J, 133J Gasket, Mounting flange Spec. Nos. 127000C thru 18H,- 150000H thru 184N, 157000D thru 99G, 102G thru 106H, 108G thru 115J, 117H thru 120J, 122J thru 128J, 133J Gasket, Mounting flange Spec. Nos. 157100G, 101G, 107G, 107H, 116H, 116J, 121H, 130J, 131J Flange Assy., Mounting (Incl. Nos. 72, 75, 80 & 81) Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 39J, 51H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 136H thru 138H, 140H thru 145K, 146H, 148J, 146K, 147H, 147J, 147K, 148J, 148K, 150J, 151K, 152K, 154K, 156K, 156K, 157K, 163L, 168N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 47D thru 51F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Flange Assy., Mounting (Incl. Nos. 72, 75, 80 & 81) Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18E, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 151L, 151M, 151N, 152L, 152N, 168L thru 160L, 164M thru 167M, 170N, 171N, 173N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 51G, 64G, 64H, 64J, 65G, 65H, 65J, 69G, 73G, 73H, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G, 99G, 102G thru 106H, 108G, 109G, 109H, 111G thru 115J, 117H thru 120J, 122J, 123J, 126H, 127J, 128J, 133J Flange Assy., Mounting (Incl. Nos. 72, 75, 80 & 81) Spec. Nos. 150040H, 40J, 135H, 135J, 135K, 149J, 149K, 169N, 157045D, 45E, 45F, 54D, 54E, 54F Flange Assy., Mounting (Incl. Nos. 72, 75, 80 & 81) Spec. Nos. 150135L, 135M, 149M, 172N, 157045G, 54G, 54H
52	31355		69	*35317	
60	33273A		70	33580	
62	650760		70	35382A	
63	28545		70	33767	
64	30063		70	35387A	
65	650128				
68	33932				
68	33365				

FILE IN:  
DIVISION 3  
SECTION A  
Issued April 1982  
Revised March 1991

**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE OPERATIONS  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
70	34838	Flange Assy., Mounting (Incl. Nos. 72, 75, 80 & 81) Spec. No. 150139H			
70	35711A	Flange Assy., Mounting (Incl. Nos. 72, 75 & 80) Spec. Nos. 157100G, 101G, 107G, 107H, 116H, 116J, 121H, 130J, 131J	82	35378	Gear Assy., Governor (Incl. No. 81) Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 54G, 64H, 64J, 66G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 123J, 126H thru 133J
72	31927	Plug, Pipe (3/8-18 sq. hd.)	83	30585A	Spool, Governor
72	28483	Plug, Pipe (3/8-18 Hex countersunk) Spec. Nos. 150040H, 40J, 135H thru 135M, 149J, 149K, 149M, 169N, 172N, 180N, 157045D thru 45G, 54D thru 54H	84	29193	Ring, Retaining
		Seal, Oil Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 146K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 66F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J	86	650833	Screw, Hex washer hd. Powerlok, 1/4-20 x 1-3/16
75	31950	Seal, Oil Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 146K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 66F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J	88	31707A	Governor Spacer Assy. (Incl. No. 81)
		Seal, Oil Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 54G, 64H, 64J, 66G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 123J, 126H thru 133J	89	32589	Key, Flywheel
75	95319	Seal, Oil Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54G, 54H, 54G, 64H, 64J, 66G, 65H, 65J, 69G, 73G, 73H, 73J, 74G, 74H, 74J, 75G, 75H, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109H, 111G thru 123J, 126H thru 133J	90	611090	Flywheel Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 17G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 132K, 132L, 132M, 132N, 146K thru 146N, 147K thru 147N, 148K, 158L, 158M, 166M, 166N, 170N, 174N, 175N, 178N, 182N, 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 65F thru 65J, 73F thru 73J, 96F thru 96J, 98F, 103G, 118H, 118J, 130J
80	30668	Shaft, Mechanical governor	90	611093	Flywheel (3 amp) (w/ring gear) Spec. Nos. 127018H, 150129K, 134K, 134L, 149K, 149M, 159L, 159M, 180L, 184M, 164N, 171N, 172N, 173N, 176N, 177N, 179N, 180N, 157045F, 45G, 69F, 69G, 76H, 81F, 81G, 83F thru 84J, 99G, 100G, 106G, 108H, 115H, 116J, 119J, 120J, 126H, 127J
81	30590A	Washer, Flat	90	611094	Flywheel (7 amp) (w/ring gear) Spec. Nos. 150133K thru 133N, 146K thru 146N, 151K thru 152N, 166M, 181N, 183N, 157041F thru 41J, 51F, 51G, 57F, 64F thru 64J, 74F thru 74J, 75F thru 75J, 79F, 82F, 82G, 93F, 93G, 97F, 97G, 97J, 101G, 102G, 104G, 107G thru 109H, 113G, 116H, 116J, 117H, 122J, 123J, 128J, 131J
82	30591	Gear Assy., Governor (Incl. No. 81) Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 146K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, 0E, 0F, 14D thru 40F, 41D,	90	611091	Flywheel (w/ring gear) Spec. Nos. 150135K, 135L, 135M, 167M,

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**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
92	650880	157054F, 54G, 54H, 94F thru 94J, 111G thru 112G, 114G, 114H, 121H, 133J Washer, Lock Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N. 157000G, 0H, 0J, 40G, 40H, 40J, 41F, 41H, 41J, 45F, 51G, 54F, 54H, 64G, 64H, 75G, 75J, 75J, 76H, 81G, 82G, 83G, 83H, 83J, 84G, 84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109G, 111G thru 123J, 126J, 127J, 128J, 130J, 131J, 133J Washer, Flat Spec. Nos. 150080H, 80J, 122H, 122J, 134H, 134J, 137H, 138H, 142H, 150J, 155K, 157K, 157014D thru 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 55D thru 57E, 58D, 58E, 59D, 61D thru 63D, 68D, 69D, 69E, 70D, 71D, 71E, 76E, 79E, 80E, 85F, 86F, 88F, 90F, 91F, 110G, 124J Washer, Belleville Nut, Hex, 1/2-20 Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N. 157000D, 0E 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Nut, Hex, 5/8-18 Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 181N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54F, 54H, 64G, 64H, 64J, 65F, 65H, 65J, 69G, 73G, 73H, 74G, 74H, 74J, 75G, 76H, 76J, 76H, 81G, 82G, 83G, 83H, 83J, 84G.	100	35135	84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109G, 111G thru 123J, 126H, 127J, 128J, 130J, 131J, 133J Solid State Assy. Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 18G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 146N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 93F thru 109G, 111G thru 123J, 126H thru 133J Solid State Assy. Spec. No. 150172N Cover, Spark plug (Use as required) Cover, Spark plug Spec. Nos. 150017H, 65H, 122H, 122J, 157K, 157025D thru 36E, 86F, 87F Stud, Solid State mounting Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 18G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 146N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 93F thru 109G, 111G thru 123J, 126H thru 133J
92	650793	150080H, 80J, 122H, 122J, 134H, 134J, 137H, 138H, 142H, 150J, 155K, 157K, 157014D thru 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 55D thru 57E, 58D, 58E, 59D, 61D thru 63D, 68D, 69D, 69E, 70D, 71D, 71E, 76E, 79E, 80E, 85F, 86F, 88F, 90F, 91F, 110G, 124J Washer, Belleville Nut, Hex, 1/2-20 Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N. 157000D, 0E 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Nut, Hex, 5/8-18 Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 181N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54F, 54H, 64G, 64H, 64J, 65F, 65H, 65J, 69G, 73G, 73H, 74G, 74H, 74J, 75G, 76H, 76J, 76H, 81G, 82G, 83G, 83H, 83J, 84G.	100	35608	84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109G, 111G thru 123J, 126H, 127J, 128J, 130J, 131J, 133J Solid State Assy. Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 18G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 146N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 93F thru 109G, 111G thru 123J, 126H thru 133J
92	650815	150080H, 80J, 122H, 122J, 134H, 134J, 137H, 138H, 142H, 150J, 155K, 157K, 157014D thru 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 55D thru 57E, 58D, 58E, 59D, 61D thru 63D, 68D, 69D, 69E, 70D, 71D, 71E, 76E, 79E, 80E, 85F, 86F, 88F, 90F, 91F, 110G, 124J Washer, Belleville Nut, Hex, 1/2-20 Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N. 157000D, 0E 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Nut, Hex, 5/8-18 Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 181N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54F, 54H, 64G, 64H, 64J, 65F, 65H, 65J, 69G, 73G, 73H, 74G, 74H, 74J, 75G, 76H, 76J, 76H, 81G, 82G, 83G, 83H, 83J, 84G.	101	610118	84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109G, 111G thru 123J, 126H, 127J, 128J, 130J, 131J, 133J Solid State Assy. Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 18G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 146N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 93F thru 109G, 111G thru 123J, 126H thru 133J
93	8116	150080H, 80J, 122H, 122J, 134H, 134J, 137H, 138H, 142H, 150J, 155K, 157K, 157014D thru 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 55D thru 57E, 58D, 58E, 59D, 61D thru 63D, 68D, 69D, 69E, 70D, 71D, 71E, 76E, 79E, 80E, 85F, 86F, 88F, 90F, 91F, 110G, 124J Washer, Belleville Nut, Hex, 1/2-20 Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N. 157000D, 0E 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Nut, Hex, 5/8-18 Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 181N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54F, 54H, 64G, 64H, 64J, 65F, 65H, 65J, 69G, 73G, 73H, 74G, 74H, 74J, 75G, 76H, 76J, 76H, 81G, 82G, 83G, 83H, 83J, 84G.	101A	27276	84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109G, 111G thru 123J, 126H, 127J, 128J, 130J, 131J, 133J Solid State Assy. Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 18G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 146N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 93F thru 109G, 111G thru 123J, 126H thru 133J
93	650881	150080H, 80J, 122H, 122J, 134H, 134J, 137H, 138H, 142H, 150J, 155K, 157K, 157014D thru 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 55D thru 57E, 58D, 58E, 59D, 61D thru 63D, 68D, 69D, 69E, 70D, 71D, 71E, 76E, 79E, 80E, 85F, 86F, 88F, 90F, 91F, 110G, 124J Washer, Belleville Nut, Hex, 1/2-20 Spec. Nos. 127000C, 0D, 0E, 8C thru 11E, 12C, 13E, 150000H, 0J, 0K, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N. 157000D, 0E 0F, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74F, 75E, 75F, 76E, 77E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Nut, Hex, 5/8-18 Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 134L, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 151L, 151M, 151N, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 181N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 51G, 54F, 54H, 64G, 64H, 64J, 65F, 65H, 65J, 69G, 73G, 73H, 74G, 74H, 74J, 75G, 76H, 76J, 76H, 81G, 82G, 83G, 83H, 83J, 84G.	102	650872	84J, 93G, 94G, 94H, 94J, 96G, 96H, 96J, 97G, 97J, 99G thru 109G, 111G thru 123J, 126H, 127J, 128J, 130J, 131J, 133J Solid State mounting Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 14F thru 18G, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 146N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 93F thru 109G, 111G thru 123J, 126H thru 133J
		(CONT. TOP OF NEXT COLUMN)	103	650489	Screw, Hex hd. Sems, 1/4-20 x 5/8 Spec. Nos. 127000C, 0D, 8C thru 11E, 12C, 13E, 150000H, 0J, 17H, 39H, 39J, 51H, 51J, 65H, 71H, 91H thru 113J, 114H thru 128J, 130H, 130J, 132H, 132J, 135H, 135J, 139H, 140H, 141H, 143H, 144H, 146H, 146J, 147H, 147J, 148J, 149J, 154K, 156K, 157K, 163L, 168N, 169N, 157000D, 0E, 14D, 14E, 25D thru 26E, 37D thru 40E, 47D, 54D, 54E, 60D, 61D, 65D, 65E, 68D, 72D thru 73E, 85F, 86F, 87F, 92F, 110G Screw, Torx T-15 Hex hd. Sems, 10-24 x 1 Spec. Nos. 127000E, 0F, 0G, 0H, 11E, 11F, 11G, 11H, 14F thru 18H.

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

**TECUMSEH PRODUCTS COMPANY**  
 ENGINE AND TRANSMISSION GROUP  
 SERVICE OPERATIONS  
 GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name																										
103	650516	150000K, OL, OM, ON, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 151N, 152K, 152L, 152N, 158L thru 160L, 164M thru 167M, 170N thru 184N, 157000F, OG, OH, OJ, 40F thru 40J, 41F thru 41J, 45F, 46G, 51F, 51G, 54F thru 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73H, 74F thru 74J, 75F thru 75J, 79F, 81F thru 84J, 91F, 93F thru 109G, 111G thru 123J, 126H thru 133J Screw, Hex hd. Sems. 1/4-20 x 1-1/8 Spec. Nos. 150016H, 16J, 40H, 40J, 62H, 63H, 64H, 80H, 80J, 129H, 129J, 131H, 131J, 133H, 133J, 134H, 134J, 136H thru 138H, 142H, 145H, 145J, 150J, 155K, 157022D, 22E, 27D thru 35E, 41D, 41E, 45D, 45E, 47E, 48D, 51D, 55D thru 57E, 58D, 58E, 59D, 62D thru 64E, 67D thru 69E, 70D, 71D, 71E, 74D, 74E, 75E, 76E thru 79E, 80E, 88F, 89F, 90F, 91F, 124J Pin, Crankshaft Gear, Crankshaft Spec. Nos. 127000C, OD, OE, 8C thru 11E, 12C, 13E, 150000H, OJ, OK, 16H thru 113K, 114H thru 132K, 133H, 133J, 133K, 134H, 134J, 134K, 135H, 135J, 135K, 136H thru 145K, 146H, 146J, 146K, 147H, 147J, 147K, 148J thru 149K, 150J, 151K, 152K, 154K thru 157K, 163L, 168N, 169N, 157000D, OE, OF, 14D thru 40F, 41D, 41E, 41F, 45D, 45E, 45F, 47D thru 51F, 54D, 54E, 54F, 55D thru 64F, 65D, 65E, 65F, 66D thru 69F, 70D thru 73F, 74D thru 74E, 75E, 75F, 76E thru 81F, 82F, 83F, 84F, 85F thru 93F, 94F, 96F, 97F, 98F, 110G, 124J, 125J Wire, Ground Spec. Nos. 127000C, OD, 11C, 11D, 12C, 150000H, OJ, 51H, 51J, 91H thru 113J, 132H, 132J, 133H, 133J, 139H, 140H, 143H thru 145J, 146H, 146J, 147H, 147J, 148J, 150J, 157000D, OE, 37D thru 40E, 41D, 41E, 64D, 64E, 65D, 65E, 66D, 67D, 70D, 73D, 73E, 74D, 74E, 75E, 77E, 78E, 80E, 92F Wire, Ground Spec. Nos. 127000E, OF, 11E, 11F, 11G, 11H, 16F, 17G, 18H, 150000K, OL, OM, 113K thru 113N, 132K thru 132M, 133K thru 133N, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 165M thru 168N, 174N, (CONT. TOP OF NEXT COLUMN)	110	30831	157000E, OG, OH, 40F thru 40J, 41F thru 41J, 64F thru 64J, 65F thru 65J, 73F thru 73H, 74F thru 74J, 75F thru 75J, 82F, 82G, 94F thru 96H, 98F, 103G, 111G thru 113G, 118H, 121H, 123J, 125J Wire, Ground (Female fittings both ends) Spec. Nos. 127008C thru 10C, 13E, 150039H, 39J, 62H, 71H, 116H, 116J, 135H, 135J, 137H, 141H, 149J, 154K, 157025D thru 26E, 45D, 45E, 54D, 54E, 72D, 72E, 79E, 86F, 87F Wire, Cut off Spec. Nos. 150016H, 16J, 17H, 63H, 65H Wire, Ground (Female fittings both ends) Spec. Nos. 150114H, 114J, 156K, 157028D, 28E, 60D, 89F Wire, Ground (Female fittings both ends) Spec. Nos. 150122H, 122J, 151L, 151M, 151N, 157K, 181N, 183N, 157093G, 101G, 102G, 104G, 108G, 109G, 112G, 114G, 114H, 116H, 116J, 117H, 122J, 123J, 128J, 131J, 133J Wire, Ground (one female, one double male and one exposed) Spec. Nos. 150128H, 128J, 129H, 129J, 130H thru 131J Wire, Ground Spec. Nos. 150128K, 129K, 158L thru 159M, 170N, 171N, 173N, 175N thru 179N Wire, Ground Spec. Nos. 127014F, 15F, 150134L, 135L, 135M, 149K, 149M, 160L, 163L, 164M, 164N, 169N, 157045F, 45G, 54F, 54G, 54H, 89G, 79F, 83G, 83H, 83J, 99G, 100G, 107G, 107H, 115H, 115J, 127J Wire, Ground (One female and one male fitting) Spec. Nos. 157014D, 14E, 61D, 85F, 110G Gasket, Cylinder head Spec. Nos. 127000C, OD, OE, 8C thru 11E, 12C, 13E Gasket, Cylinder head Spec. Nos. 127000E, OG, OH, 11F, 11G, 11H, 14F thru 18H, 150000H thru 184N Gasket, Cylinder head Spec. Nos. 157000D thru 133J Head, Cylinder Bracket, Intake pipe Screw, Hex washer spinlock hd. thread forming, 1/4-20 x 5/8 Valve, Exhaust (Std.) (Incl. No. 151) Valve, Exhaust (1/32" oversize) (Incl. No. 151) Valve, Intake (Std.) (Incl. No. 151)																										
		110			610683	110	33953	110	35349	110	34580	110	35195A	110	35234	110	34236	119	*34327A	119	*34041A	119	*34929A	120	34030	123	33261	124	650738	126	27878A



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
126	34036	Valve, Intake (1/32" oversize) (Incl. No. 151)			149M, 151K thru 165M, 167M, 170N thru 184N,
127	650691	Washer, Flat (Do not use with No. 6021A screw)			157000E, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 46G, 51F, 51G, 54F, 54G, 54H, 57F, 64F thru 64J, 66F thru 65J, 69F, 69G, 73F, 73G, 73H, 73J, 74F thru 74J, 76F thru 75J, 76H, 79F, 81F thru 91F, 93F thru 94J, 97F thru 102G, 104G, 106H thru 108G, 110G thru 115J, 119J thru 123J, 126H thru 131J
128	650690	Washer, Belleville			Control Assy., Speed (Manual) (Incl. No. 206)
130	650694A	Screw, Hex flange hd., 5/16-18 x 2			Spec. No. 157096F
131	6021A	Screw, Hex flange hd., 5/16-18 x 1-1/2 (Do not use with No. 650691 washer)	200	35413	Control Assy., Speed (Remote) (Incl. Nos. 202 & 205)
131	650788	Screw, Hex hd. spinlock thread forming, 5/16-18 x 3/4			Spec. Nos. 157106G, 109G, 109H, 116H, 116J, 117H
136	33636	Resistor Spark Plug			Spring, Compression
149	27882	Cap, Upper valve spring (Exhaust)	200	35427	Spec. Nos. 127000E, 0F, 0G, 0H, 11E, 11F, 11G, 11H, 13E thru 18H,
149A	35862	Cap, Upper valve spring (Intake)			150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 165M, 167M, 170N thru 184N,
		Spec. Nos. 127000C, 0D, 0E, 0G, 0H, 8C thru 11E, 12C, 13E,	202	33802	157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 46G, 51F, 51G, 64F thru 65J, 69F, 69G, 73F, 73G, 73H, 73J, 74F thru 74J, 76F thru 75J, 76H, 79F, 81F thru 91F, 93F thru 94J, 97F thru 102G, 104G, 106H thru 108G, 110G thru 115J, 119J thru 123J, 126H thru 131J
		150000N, 132N, 152N, 181N thru 184N			Spring, Compression
149A	35862	Seal Assy., Intake valve			Spec. Nos. 127000E, 0F, 0G, 0H, 11E, 11F, 11G, 11H, 13E thru 18H,
		Spec. Nos. 127000F, 0G, 0H, 11F, 11G, 11H, 14F thru 18H,			150000H thru 184N,
		150000H thru 184N,			157000D thru 133J
		Spring, Valve			Spec. Nos. 127000C, 0D, 8C thru 11D, 150000H, 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134E, 134J, 136H, 136J, 136H thru 138H, 141H thru 145J, 146H, 146J, 147H, 147J, 148J, 149J, 150J, 168N, 169N,
150	27881	Spring, Valve			157000D, 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D, 68D, 69D, 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E thru 79E, 80E, 92F, 124J, 125J, 133J
151	32581	Cap, Lower valve spring	202	31342	Spring, Compression
169	*27896A	Gasket, Breather	205	850549	Screw, Fil. hd., 5-40 x 7/16
170	28423	Body Assy., Breather			Spec. Nos. 127000C, 0D, 8C thru 11D, 12C,
171	28424	Element, Breather			150000H, 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134E, 134J, 135H, 135J, 136H thru 145J, 146E, 146J, 147H, 147J, 148J, 149J, 150J, 166M, 166N, 168N, 169N,
172	28425	Cover, Breather			157000D, 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E thru 79E, 80E, 92F, 124J, 125J, 133J
173	35350	Tube, Breather			76E, 77E thru 79E, 80E, 92F, 96J, 103G, 104G, 109G, 116H thru 118J, 124J, 125J, 133J
174	650128	Screw, Hex hd. Sems, 10-24 x 1/2			Screw, Fil. hd., 6-32 x 21/32
178	29752	Nut & Lockwasher, 1/4-28			Spec. Nos. 127000E, 0F, 0G, 0H, 11E, 11F, 11G, 11H, 13E thru 18H,
182	30088A	Screw, Fil. hd., Sems, 1/4-28 x 1			150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 165M, 167M, 170N thru 184N,
184	*33263	Gasket, Carburetor			157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 46G, 51F, 51G, 64F thru 65J, 69F, 69G, 73F, 73G, 73H, 73J, 74F thru 74J, 76F thru 75J, 76H, 79F, 81F thru 91F, 93F thru 96F, 97F thru 102G, 106G thru 108G, 109H, 110G thru 115J, 119J thru 123J, 126H thru 131J
185	34926	Pipe, Intake			Spring, Compression
186	33860	Link, Governor-to-throttle			Spec. Nos. 127000C, 0D, 8C thru 11D, 12C,
200	33865B	Control Assy., Speed (Incl. Nos. 202, 205 & 206)			150000H, 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134E, 134J, 135H, 135J, 136H thru 145J, 146E, 146J, 147H, 147J, 148J, 149J, 150J, 166M, 166N, 168N, 169N,
		Spec. Nos. 127000C, 0D, 8C thru 11D, 150000H, 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134E, 134J, 136H, 136J, 136H thru 138H, 141H thru 145J, 146H, 146J, 147H, 147J, 148J, 149J, 150J, 168N, 169N,			157000D, 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E thru 79E, 80E, 92F, 124J, 125J, 133J
		157000D, 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E thru 79E, 80E, 92F, 124J, 125J, 133J			76E, 77E thru 79E, 80E, 92F, 96G, 96H, 96J, 103G, 104G, 109G, 116H thru 118J, 124J, 125J, 133J
200	33948A	Control Assy., Speed (Incl. Nos. 202, 205 & 206)			Spec. Nos. 127000E, 0F, 0G, 0H, 11E, 11F, 11G, 11H, 13E thru 18H,
		Spec. Nos. 127012C,			150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K,
		150139H, 140H, 166M, 166N,			157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 46G, 51F, 51G, 64F thru 65J, 69F, 69G, 73F, 73G, 73H, 73J, 74F thru 74J, 76F thru 75J, 76H, 79F, 81F thru 91F, 93F thru 96F, 97F thru 102G, 106G thru 108G, 109H, 110G thru 115J, 119J thru 123J, 126H thru 131J
		157067D, 96G, 96H, 96J, 103G, 118H, 118J			Spring, Compression
200	35201	Control Assy., Speed			Spec. Nos. 127000C, 0D, 8C thru 11D, 12C,
		Spec. Nos. 127000E thru 0H, 11E thru 11H, 13E thru 18H,			150000H, 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134E, 134J, 135H, 135J, 136H thru 145J, 146E, 146J, 147H, 147J, 148J, 149J, 150J, 166M, 166N, 168N, 169N,
		150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K,			157000D, 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E thru 79E, 80E, 92F, 124J, 125J, 133J
		146N, 147K thru 147N, 148K, 149K,			76E, 77E thru 79E, 80E, 92F, 96G, 96H, 96J, 103G, 104G, 109G, 116H thru 118J, 124J, 125J, 133J
		(CONT. TOP OF NEXT COLUMN)			Spec. Nos. 127000E, 0F, 0G, 0H, 11E, 11F, 11G, 11H, 13E thru 18H,

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**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE OPERATIONS  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
206	610973	thru 41J, 45F, 45G, 51F, 51G, 54F thru 54H, 57F, 54F thru 54J, 55F thru 55J, 69F, 69G, 73F thru 73H, 74F thru 74J, 75F thru 75J, 76H, 79F, 81F thru 91F, 93F thru 96F, 97F thru 102G, 106G thru 108G, 110G thru 115J, 119J thru 123J, 126H thru 133J	215	32410	Knob, Speed control Spec. Nos. 127012C, 150139H, 140H, 166M, 166N, 157067D, 96F, 96G, 96H, 96J, 103G, 118H, 118J
207	33151	Terminal Assy. (Use as required) Link, Governor spring Spec. Nos. 127000C, 0D, 8C thru 11D, 12C, 150000H, 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134H, 134J, 135H, 136J, 136H thru 145J, 146H, 146J, 147H, 147J, 148J, 149J, 150J, 166M, 166N, 168N, 169N, 157000D, 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 75E, 77E thru 79E, 80E, 92F, 96G, 96H, 96J, 103G, 104G, 109G, 116H thru 118J, 124J, 125J	216	35202A	Lever, Governor adjusting (Incl. Nos. 19A, 209A, 212, 222 & 239) Spec. Nos. 127000E, 0F, 0G, 0H, 11E thru 11H, 13E thru 18H, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132M, 192N, 133K thru 133N, 134K, 134L, 135K thru 135M, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 149K, 149M, 151K thru 165M, 167M, 170N thru 184N, 157000F, 0G, 0H, 0J, 40F thru 40J, 41F thru 41J, 45F, 45G, 51F, 51G, 54F thru 54H, 57F, 64F thru 64J, 65F thru 65J, 69F, 69G, 73F thru 73J, 74F thru 74J, 75F thru 75J, 79F, 81F thru 91F, 93F thru 96F, 97F thru 102G, 106G thru 108G, 110G thru 115J, 119J thru 123J, 126H thru 131J
209	30200	Screw, Hex washer hd. Sems, self-tap, 10-24 x 9/16	221	35315	Weight Assy., Counterbalance Spec. Nos. 157100G, 101G, 107G, 107H, 116H, 116J, 121H, 130J, 131J
209A	30312	Screw, Hex washer hd., 10-24 x 1/2 Spec. Nos. 127000G, 0H, 11H, 17G, 18H, 150000M, 0N, 113M, 113N, 132M, 132N, 133M, 133N, 136M, 145M, 145N, 146M, 146N, 147M, 147N, 149M, 151M, 151N, 152N, 158M, 159M, 164M thru 165M, 167M, 170N thru 184N, 157000H, 0J, 40H, 40J, 41H, 41J, 64H, 64J, 65H, 65J, 73H, 74H, 74J, 75H, 75J, 76H, 83H, 83J, 84J, 94H, 94J, 97J, 106H, 107H, 114H thru 115J, 119J thru 123J, 126H thru 131J	222	650807	Screw, Hex washer hd. shoulder, 10-32 x 27/64 Spec. Nos. 127000E, 0F, 11E, 11F, 13E thru 17F, 150000K, 0L, 113K, 113L, 128K, 129K, 132K, 132L, 133K, 133L, 134K, 134L, 135K, 135L, 145K, 145L, 146K, 146L, 147K, 147L, 148K, 149K, 151K thru 163L, 157000F, 0G, 40F, 40G, 41F, 41G, 45F, 45G, 51F, 51G, 54F, 54G, 57F, 64F, 64G, 65F, 65G, 69F, 69G, 73F, 73G, 74F, 74G, 75F, 75G, 79F, 81F thru 91F, 93F thru 94G, 96F, 97F thru 102G, 106G, 107G, 108G, 110G thru 114G
210	27798	Clip, Conduit	222	30312	Screw, Hex washer hd., 10-32 x 1/2 Spec. Nos. 127000G, 0H, 11H, 17G, 18H, 150000M, 0N, 113M, 113N, 132M, 132N, 133M, 133N, 135M, 145M, 146N, 146M, 146N, 147M, 147N, 149M, 151M, 151N, 152N, 158M, 159M, 164M thru 165M, 167M, 170N thru 184N, 157000H, 0J, 40H, 40J, 41H, 41J, 64H, 64J, 65H, 65J, 73H, 74H, 74J, 75H, 75J, 76H, 83H, 83J, 84J, 94H, 94J, 97J, 106H, 107H, 114H thru 115J, 119J thru 123J, 126H thru 131J
211	28942	Screw, Hex washer hd. Sems 10-32 x 3/8 Spec. Nos. 127000C thru 11H, 13E thru 18H, 150000H thru 138H, 141H thru 149M, 151K thru 165M, 167M thru 184N, 157000D thru 65D, 57D, 57E, 58D thru 66D, 68D thru 94J, 96J thru 102G, 104G, 106G thru 115J, 116H, 116J, 117H, 119J thru 133J	222	28820	Screw, Fil. hd. Sems, 10-32 x 1/2 Spec. Nos. 150016H, 16J, 17H, 62H thru 71H
212	35560	Bushing, Governor Adjusting lever Spec. Nos. 127000G, 0H, 11H, 17G, 18H, 150000M, 0N, 113M, 113N, 132M, 132N, 133M, 133N, 135M, 145M, 145N, 146M, 146N, 147M, 147N, 149M, 151M, 151N, 152N, 158M, 159M, 164M thru 165M, 167M, 170N thru 184N, 157000H, 0J, 40H, 40J, 41H, 41J, 64H, 64J, 65H, 65J, 73H, 74H, 74J, 75H, 75J, 76H, 83H, 83J, 84J, 94H, 94J, 97J, 106H, 107H, 114H thru 115J, 119J thru 123J, 126H thru 131J	223	650378	Screw, Torx fil. hd. Sems, 5/16-18 x 1-1/8
			224	*27915A	Gasket, Intake pipe
			227	31526	Elbow, Air cleaner
			228	650168	Screw, Fil. hd. Sems, 10-32 x 7/8
			228A	650520	Screw, Fil. hd., 10-32 x 2-1/2 Spec. No. 150062H



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

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 DIVISION 3  
 SECTION A  
 Issued April 1982  
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4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
229	650825	Nut & Lockwasher, 1/4-20 (Sealing) Spec. Nos. <u>150165M</u> , 167M, 168M, 178M, 179N, <u>157121H</u> , 124J	246	35404	Filter, Poly pre-cleaner Spec. Nos. <u>150165M</u> , 167M, 168M, 178M, 179M, <u>157121H</u> , 124J
239	*27272A	Gasket, Air cleaner Spec. Nos. <u>150016H</u> , 16J, 17H, 62H thru 71H	246	33631	Element, Air cleaner (Poly) Spec. Nos. <u>150039H</u> , 39J, 80H, 80J, 142H, 154K, 155K, <u>157022D</u> , 22E, 25D, 25E, 37D, 37E, 86F
239	*33629	Gasket, Air cleaner Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru ON, 39H thru 51J, 80H thru 184N, <u>157000D</u> thru 133J	246A	34910	Element, Air cleaner (Poly) Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru OL, OM, 40H thru 51J, 91H thru 141H, 143H thru 152N, 156K thru 164N, 166M, 166N, 170N thru 177N, 180N, <u>157000D</u> thru 14E, 26D thru 35E, 40D thru 85F, 87F thru 120J, 122J, 123J, 125J thru 128J, 133J
239A	35408	Gasket, Air cleaner-to-housing Spec. Nos. <u>150165M</u> , 167M, 168N, 178N, 179N, 181N thru 184N, <u>157121H</u> , 124J, 130J, 131J	250	33269A	Cover, Air cleaner Spec. Nos. <u>150016H</u> , 16J, 17H, 62H thru 71H
239A	*34912	Gasket, Air cleaner-to-housing Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru ON, 39H thru 51J, 80H thru 154N, 166M, 166N, 169N thru 177N, 180N thru 184N, <u>157000D</u> thru 120J, 122J, 123J, 125J thru 128J, 133J	250	34446	Cover, Air cleaner Spec. Nos. <u>150039H</u> , 39J, 80H, 80J, 142H, 154K, 155K, <u>157022D</u> thru 25E, 37D, 37E, 86F
240	34909	Body, Air cleaner Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru ON, 40H thru 51J, 91H thru 141H, 143H thru 152N, 156K thru 164N, 166M, 166N, 169N thru 177N, 180N, <u>157000D</u> thru 14E, 26D thru 35E, 40D thru 85F, 87F thru 120J, 122J, 123J, 125J thru 128J, 133J	250	35405	Cover, Air cleaner Spec. Nos. <u>150165M</u> , 167M, 168N, 178N, 179N, 181N thru 184N, <u>157121H</u> , 124J, 130J, 131J
240	34425	Body, Air cleaner Spec. Nos. <u>150039H</u> , 39J, 80H, 80J, 142H, 154K, 155K, <u>157022D</u> thru 25E, 37D, 37E, 86F	250A	34911	Cover, Air cleaner Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru ON, 40H thru 51J, 91H thru 141H, 143H thru 152N, 156K thru 164N, 166M, 166N, 170N thru 177N, 180N, <u>157000D</u> thru 14E, 26D thru 35E, 40D thru 85F, 87F thru 120J, 122J, 123J, 125J thru 128J, 133J
240A	35538A	Body, Air cleaner Assy. (Incl. Nos. 239 & 239A) Spec. Nos. <u>150165M</u> , 167M, 168N, 178N, 179N, 181N thru 184N, <u>157121H</u> , 124J, 130J, 131J	251	650513	Nut, Wing, 1/4-20 Spec. Nos. <u>150016H</u> , 16J, 17H, 62H thru 71H
241	33266	Bracket, Air cleaner	251	650886	Nut, Wing, 1/4-20 Spec. Nos. <u>150165M</u> , 167M, 168M, 178N, 179N, <u>157121H</u> , 124J
242	33267	Bracket, Air cleaner Spec. Nos. <u>150016H</u> , 16J, 17H, 62H thru 71H	252	650707	Screw, Fil. hd. Sems, 10-32 x 5/8 Spec. Nos. <u>150039H</u> , 39J, 80H, 80J, 142H, 154K, 155K, <u>157022D</u> , 22E, 25D, 25E, 37D, 37E, 86F
243	650762	Screw, Fil. hd. Sems, 10-32 x 1-29/32 Spec. Nos. <u>150039H</u> , 39J, 80H, 80J, 142H, 154K, 155K, <u>157022D</u> thru 25E, 37D, 37E, 86F	252A	650887	Screw, Hex washer hd. self-drill, self-tap, 1/4-20 x 1 Spec. Nos. <u>150165M</u> , 167M, 168N, 178N, 179N, 181N thru 184N, <u>157121H</u> , 124J, 130J, 131J
243	650834	Screw, Fil. hd. Sems, 10-32 x 1-17/32 Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru ON, 40H thru 51J, 91H thru 141H, 143H thru 152L, 156K thru 164N, 166M, 166N, 170N thru 177N, 180N, <u>157000D</u> thru 14E, 26D thru 35E, 40D thru 85F, 87F thru 119J, 122J, 123J, 125J thru 128J, 133J	252A	650784	Screw, Hex hd. tap-tite w/flatwasher, 10-24 x 1 1/16 Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru ON, 40H thru 51J, 91H thru 141H, 143H thru 152L, 156K thru 164N, 166M, 166N, 170N thru 177N, 180N, <u>157000D</u> thru 14E, 26D thru 35E, 40D thru 85F, 87F thru 119J, 122J, 123J, 125J thru 128J, 133J
245	33268	Element, Air cleaner (Paper) Spec. Nos. <u>150016H</u> , 16J, 17H, 62H thru 71H			
245	35403	Element, Air cleaner (Paper) (Incl. No. 251)			

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**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE OPERATIONS  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name			
253	650651	Screw, Hex washer hd. Durllok, 1/4-20 x 5/8	262	29747B	Screw, Hex hd. Sems, 5/16-24 x 21/32			
254	34105	Bracket, Blower housing Spec. Nos. <u>150137H</u> , 141H, <u>157079E</u> , 79F	264	650802	Screw, Hex washer hd. taptite, 1/4-20 x 5/8			
<p><b>NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508.</b></p>			264A	650738	Screw, Hex washer spinlock hd. thread forming, 1/4-20 x 5/8			
260	33635B	Housing, Blower (6.375 dia. starter mtg. bolt circle) (For electric starter) Spec. Nos. <u>127000C</u> thru 9D, 11C thru 18H, <u>150000H</u> thru 0N, 40H thru 51J, 91H thru 113N, 116H thru 122J, 132H thru 134K, 135H thru 136J, 139H, 140H, 143H thru 145N, 147H thru 149M, 157K, 160L, 163L, 165M, 166M, 166N, 168N, 169N, 172N, 174N, 177N, 182N, 183N, <u>157000D</u> thru 0J, 26D, 26E, 31D thru 48D, 54D thru 55D, 58D, 58E, 59D, 64D thru 69F, 70D, 74D thru 74J, 77E, 78E, 80E, 82F, 82G, 83F, 87F, 90F, 91F, 92F, 94F thru 96J, 99G, 100G, 102G, 103G, 111G thru 113G, 118H, 118J, 121H, 125J, 130J, 131J	265	33272A	Cover, Cylinder head			
260	34894A	Housing, Blower (6.375 dia. starter mtg. bolt circle) (For electric starter) Spec. Nos. <u>127010C</u> , <u>150039H</u> , 39J, 80H, 80J, 114H, 114J, 128H thru 131J, 137H, 138H, 141H, 142H, 146H thru 146N, 150J, 151K, 151M, 151N, 152K, 152N thru 156K, 158L thru 159M, 167M, 170N, 171N, 173N, 175N, 176N, 178N, 179N, 181N, 184N, <u>157014D</u> , 14E, 22D, 25D, 25E, 27D thru 28E, 51D, 51F, 55E thru 57F, 60D thru 63D, 71D thru 73J, 75E thru 76E, 79E, 79F, 81F, 81G, 84F, 85F, 86F, 88F, 89F, 93F, 97F, 98F, 109H, 114G, 114H, 133J	274	*27930	Gasket, Exhaust (use as required)			
260	33582	Housing, Blower (6.375 dia. starter mtg. bolt circle) (For electric starter) Spec. Nos. <u>150018H</u> , 16J, 17H, 64H	275	33280A	Muffler Spec. Nos. <u>127000C</u> thru 14F, 16F, <u>150000H</u> thru 39J, 51H, 51J, 64H, 80H thru 113N, 116H, 116J, 132H thru 134L, 138H, 140H, 142H, 149H, 145H thru 147N, 154K, 156K, 160L thru 168N, 174N, 177N, <u>157000D</u> thru 0H, 22D thru 27E, 37D thru 41J, 47D, 47E, 51D, 51F, 51G, 63D thru 67D, 69D thru 70D, 73D thru 73J, 75E thru 76H, 79E, 83F thru 83J, 86E, 87F, 88F, 91F, 92F, 96F thru 96J, 98F, 99G, 102G, 108G, 112G thru 115J, 119J, 121H, 123J, 124J, 125J, 127J, 133J	275	33794A	Muffler Spec. Nos. <u>150040H</u> , 40J, 150J
260	33375C	Housing, Blower (6.375 dia. starter mtg. bolt circle) (For electric starter) Spec. Nos. <u>150062H</u> , 63H, 65H, 71H	275	33954A	Muffler Spec. No. <u>150071H</u>			
260	35795	Housing, Blower (6.375 dia. starter mtg. bolt circle) (For electric starter) Spec. Nos. <u>150151L</u> , 152L, 180N, <u>157022E</u> , 51G, 84G, 84J, 99G, 97G, 97J, 101G, 104G, 106G, 106H, 107G, 107H, 108G, 109G, 110G, 116H, 116J, 117H, 119J, 120J, 122J, 123J, 124J, 126H, 128J	275	33944A	Muffler Spec. Nos. <u>150130H</u> thru 131J, 144H, 180N, 182N, 183N <u>157062D</u> , 72E, 118H, 118J, 130J, 131J			
260	35796	Housing, Blower (6.375 dia. starter mtg. bolt circle) (For electric start) Spec. Nos. <u>150134L</u> , 164M, 164N, <u>157059G</u> , 76H, 83G, 83H, 83J, 115H, 115J, 127J	275	34185A	Muffler Spec. Nos. <u>127015F</u> , 17F, 17G, 18H <u>150135H</u> thru 135M, 137H, 139H, 141H, 149J, 149K, 149M, 169N, 172N, <u>157045D</u> thru 45G, 54D thru 54H, 74D thru 74J, 78E, 79F, 80E, 82F, 82G, 94F thru 94J, 100G, 101G, 107G, 107H, 111G, 111H, 111J			
261	650788	Screw, Hex hd. Spinlock thread forming, 5/16-18 x 3/4	275	35085	Muffler Assy. Spec. Nos. <u>157062E</u> , 77E			
			275A	32985	Muffler Spec. Nos. <u>150136H</u> , 136J			
			275B	35250	Muffler Assy. Spec. Nos. <u>157081E</u> , 84F, 84G			
			275B	35107	Muffler Spec. Nos. <u>150148J</u> , 148K, <u>157072D</u>			
			275C	35824	Muffler (Quiet) (Optional)			
			276	31588	Plate, Muffler locking Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru 51J, 64H, 71H thru 113N, 116H, 116J, 130H thru 135M, 137H thru 150J, 154K, 156K, 160L thru 169N, 172N, 174N, 177N, 180N, 182N, 183N, <u>157000D</u> , 0E, 0F, 0J, 22D thru 27E, 37D thru 47E, 51D thru 54H, 62D thru 67D, 69D thru 70D, 72D thru 81E, 82F thru 84G, 86F, 87F, 88F, 91F, 92F, 94F thru 96J, 99G thru 103G, 107G, 107H, 111G thru 115J, 118H, 118J, 119J, 121H, 123J, 124J, 125J, 127J, 130J, 131J, 133J			





**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
277	29117	Screw Hex hd. shakeproof, thread cutting, 8-32 x 5/16 Spec. No. 150150J			
277	650729	Screw, Hex hd., 5/16-18 x 3-3/16			
277	792093	Screw, Flanged hex hd., 5/16-18 x 4-3/16			
277	30196	Screw, Fil. hd., 5/16-18 x 3/4 (Use as required)			
281	33013	Cover, Starter bubble	286	33816	145J, 146H, 146J, 147H, 147J, 148J, 149J, 154K, 156K, 163L, 157000D, 0E, 26D, 26E, 37D thru 40E, 41D, 41E, 45D, 45E, 48D, 54D, 54E, 64D, 64E, 65D, 65E, 66D, 67D, 72D thru 73E, 74D, 74E, 75E, 77E, 78E, 87F Hub & Screen Assy., Starter Spec. Nos. 150080H, 80J, 122H, 122J, 134H, 134J, 137H, 138H, 142H, 150J, 155K, 157K, 157014D thru 22D, 25D, 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 55D thru 57E, 58D, 58E, 59D, 61D thru 63D, 68D, 69D, 69E, 70D, 71D, 71E, 76E, 79E, 80E, 85F, 86F, 88F, 90F, 91F Hub & Screen Assy., Starter Spec. Nos. 150134K, 151K, 152K, 157051F, 57F, 69F, 79F, 81F, 82F, 83F, 84F, 93F, 97F
282	650760	Screw, Pan hd. taptite, 8-32 x 3/8 Spec. Nos. 127000C thru 17G, 150000H thru 39J, 51H thru 128K, 130H, 130J, 132H thru 132M, 132N, 135H thru 135M, 139H thru 144H, 146H thru 148K, 152K thru 158M, 163L, 166M thru 169N, 173N, 174N, 175N, 178N, 182N, 184N, 157000D thru 14E, 25D thru 28E, 35D thru 40J, 47D, 47E, 54D thru 54G, 60D, 61D, 65D thru 66D, 72D thru 73H, 83F thru 92F, 96F thru 98F, 103G, 108G, 110G, 113G, 114G, 114H, 118H, 118J, 121H, 125J, 128J, 130J, 131J, 133J	286	35204	157081G, 82G, 99G, 100G, 102G Screen, Starter Spec. Nos. 127000E, 0F, 11E, 11F, 14F thru 17F, 150000K, 0L, 113K, 113L, 128K, 129K, 132K, 132L, 133K, 133L, 136K, 136L, 145K, 145L, 146K, 146L, 147K, 147L, 148K, 149K, 158L, 159L, 157000F, 0G, 40F, 40G, 41F, 41G, 45F, 45G, 54F, 54G, 64F, 64G, 65F, 65G, 73F, 73G, 74F, 74G, 75F, 75G, 94F, 94G, 96F, 96G, 98F, 103G, 111G, 112G, 113G
284	33276	Deflector, Exhaust Spec. No. 150064H	286	35337	Hub & Screen, Flywheel Spec. Nos. 150160L, 157081G, 82G, 99G, 100G, 102G
284A	650743	Screw, Hex washer hd. Sems, self-tap, 1/4-14 x 1-1/2 Spec. Nos. 150016H, 16J, 17H, 64H, 167M, 157121H	286A	35194	Screen, Starter Spec. Nos. 127000E, 0F, 11E, 11F, 14F thru 17F, 150000K, 0L, 113K, 113L, 128K, 129K, 132K, 132L, 133K, 133L, 136K, 136L, 145K, 145L, 146K, 146L, 147K, 147L, 148K, 149K, 158L, 159L, 157000F, 0G, 40F, 40G, 41F, 41G, 45F, 45G, 54F, 54G, 64F, 64G, 65F, 65G, 73F, 73G, 74F, 74G, 75F, 75G, 94F, 94G, 96F, 96G, 98F, 103G, 111G, 112G, 113G
284B	33584	Deflector, Exhaust Spec. Nos. 150016H, 16J, 17H, 167M, 157121H	286B	35446	Screen, Starter (Stationary) Spec. Nos. 127000G, 0H, 11H, 17G, 18H, 150000M, 0N, 91J, 113M, 113N, 130J, 131J, 132M, 132N, 133M, 133N, 135J, 135M, 145M, 145N, 146M, 146N, 147M, 147N, 149M, 158M, 159M, 165M thru 179N, 181N thru 184N, 157000H, 0J, 40H, 40J, 41H, 41J, 54H, 54H, 64J, 65H, 65J, 73H, 74H, 74J, 75H, 75J, 92F, 94H, 94J, 96H, 96J, 118H, 118J, 121H, 125J, 130J, 131J
285	35287	Cup, Starter Spec. Nos. 127000E, 0G, 0H, 11F, 11G, 11H, 14F thru 18H, 150000L, 0M, 0N, 113L, 113M, 113N, 132L, 132M, 132N, 133L, 133M, 133N, 135L, 135M, 145L, 145M, 145N, 146L, 146M, 146N, 147L, 147M, 147N, 149M, 158L thru 159M, 165M thru 167M, 170N thru 179N, 181N thru 184N, 157000G, 0H, 0J, 40G, 40H, 40J, 41G, 41H, 41J, 45G, 54G, 54H, 64G, 64H, 64J, 65G, 65H, 65J, 73G, 73H, 74G, 74H, 74J, 75G, 75H, 75J, 94G, 94H, 94J, 96G, 96H, 103G, 111G, 112G, 113G, 118H, 118J, 121H, 130J, 131J	286C	35411	Screen, Stationary Rivet, Pop (Can be purchased locally) Spec. Nos. 150134L, 151L, 152N, 151M, 151N, 152L, 152N, 164M, 164N, 180N, 157022E, 51G, 69G, 76H, 83G, 83H, 83J, 84G, 84J, 93G, 97G, 97J, 101G, 104G thru 110G, 115H thru 117H, 119J, 122J, 123J, 124J, 126H, 127J, 128J
285	32125	Cup, Starter Spec. Nos. 127000E, 11E, 150000K, 91J, 113K, 128K, 129K, 130J, 131J, 132K, 133K, 135J, 135K, 145K, 146K, 147K, 148K, 149K, 158N, 159N, 157000F, 40F, 41F, 45F, 54F, 64F, 65F, 73F, 74F, 75F, 92F, 94F, 96F, 98F, 125J	287	29752	Nut & Whizlock, 1/4-28 Spec. Nos. 127000C thru 0F, 08C thru 18H, 150000H thru 151J, 64H, 65H, 71H, 91H thru 116J, 128H thru 133N, 134L thru 136J, 139H, 140H, 141H, 149H thru 149M, 152L, 154K, 156K, 158L thru 169M, 163L, 165M thru 179N, 181N thru 184N,
286	33662	Hub & Screen Assy., Starter Spec. Nos. 127000C, 0D, 8C thru 11D, 12C, 13E, 150000H, 0J, 16H thru 51J, 64H, 65H, 71H, 91H, 113H, 113J, 114H thru 116J, 128H, 128J, 129H, 129J, 130H, 131H, 132H, 132J, 133H, 133J, 136H, 136H, 136J, 139H, 140H, 141H, 143H thru			

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FILE IN:  
DIVISION 3  
SECTION A  
Issued April 1982  
Revised March 1991

**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE OPERATIONS  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
290	30705	157000D thru 0J, 26D, 26E, 37D thru 45G, 48D, 51G thru 54H, 64D thru 67D, 72D thru 75J, 77E, 78E, 87F, 92F, 93G thru 96J, 97G, 98F thru 100G, 103G, 104G, 108G thru 113G, 118H, 118J, 121H, 125J, 130J, 131J Line, Fuel (Braided 16")(40cm)	302	35480	182N, 183N, 157000H, 0J, 40H, 40J, 41H, 41J, 54H, 64H, 64J, 65H, 65J, 74H, 74J, 83H, 83J, 92F, 94H, 94J, 96H, 96J, 116H, 115J, 118H, 118J, 121H, 125J, 127J, 130J, 131J Retainer, Fuel cap Spec. Nos. 150164M, 164N, 157115H, 115J, 127J .
290	29774	Line, Fuel (Braided 8-1/4")(21cm) (Use as required)	305	35574	Tube, Oil fill Spec. Nos. 127000H, 18H, 150000N, 113N, 132N, 133N, 145N, 146N, 147N, 151N, 152N, 164N, 166N thru 172N, 174N thru 184N, 157000J, 41J, 84J, 85J, 74J, 75J, 83J, 84J, 94J, 96J, 97J, 115J, 116J, 118J thru 123J, 125J, 127J thru 133J
292	28460	Clamp, Fuel line	307	*29673	Gasket, Oil fill Spec. Nos. 127010C, 150039H, 39J, 62H, 83H, 66H, 80H, 80J, 128H thru 131J, 138H, 139H, 141H, 142H, 160J, 154K, 155K, 168L thru 159M, 173N, 157014D thru 25E, 27D, 27E, 61D, 63D, 85F, 86F, 88F, 98F, 110G, 124J
292A	35864	Clamp, fuel filter to fuel line	307	35499	"O" Ring Spec. Nos. 127000H, 18H 150000N, 113N, 133N, 146N, 146N, 147N, 151N, 152N, 164N, 166N thru 172N, 174N thru 184N, 157000J, 41J, 84J, 85J, 74J, 75J, 83J, 84J, 94J, 96J, 97J, 115J, 116J, 118J thru 123J, 125J, 127J thru 133J
296	34279B	Filter, Inline fuel Spec. Nos. 127000G, 0H, 150000N, 39J, 62H, 83H, 66H, 114H, 114J, 132N, 142H, 150J, 152N, 154K, 155K, 156K, 167M, 175N, 176N, 178N, 179N, 181N, 182N, 183N, 184N, 157000J, 14D, 14E, 22D, 22E, 27D thru 28E, 58E, 57E, 57F, 60D, 61D, 81G, 84F, 84G, 84J, 85F, 88F, 89F, 97J, 98F, 104G, 106G, 108H, 109G, 110G, 116H, 116J, 117H, 119J, 124J, 125H, 130J, 131J, 133J	307	33650	"O" Ring Spec. Nos. 127000C thru 9D, 11C thru 17G, 150000H thru 17H, 40H thru 51J, 64H, 71H, 91H thru 113M, 114H thru 122J, 132H thru 133M, 134H thru 137H, 140H, 143H thru 145M, 146H thru 146M, 147H thru 147M, 148J thru 149M, 161K, 161L, 161M, 162K, 162L, 156K, 157K, 160L thru 164M, 165M, 166M, 157000D thru 0H, 26D, 26E, 28D thru 41H, 45D thru 60D, 62D, 62E, 64D thru 64H, 65D thru 65H, 86D thru 74H, 75E thru 75H, 76E thru 83H, 84F, 84G, 87F, 89F thru 94H, 96F thru 96H, 97F, 97G, 99G thru 109H, 111G thru 116H, 116H, 117H, 118H, 126H
298	28763	Scraw, Hex washer hd. shakeproof, 10-32 x 35/64	308	33997	Clip, Oil fill tube Spec. Nos. 150071H, 114H, 114J, 137H, 146H thru 146N, 161K thru 152N, 156K, 167M, 170N, 171N, 175N, 176N, 178N thru 181N, 184N, 157028D, 28E, 51D, 51F, 51G, 56E thru 57F, 60D, 62D, 62E, 71D thru 73H, 75E thru 75J, 76H, 79E, 79F, 81F, 81G, 84F, 84G, 84J, 89F, 93F, 93G, 97F, 97G, 102G, 104G thru 109G, 114G, 116H, 116J, 117H, 119J, 122J, 123J, 126H, 128J, 133J
300	33583B (3 qt.)	Tank Assy., Fuel (Black Poly) (Incl. Nos. 292, 298 & 301) Spec. Nos. 127000C thru 9D, 11C thru 18H, 150000H thru 17H, 40H thru 51J, 64H, 91H thru 113N, 116H thru 122J, 132H thru 136J, 139H, 140H, 143H thru 146N, 147H thru 149M, 157K, 160L thru 166N, 168N, 169N, 172N, 174N, 177N, 182N, 183N, 157000D thru 0J, 26D, 26E, 31D thru 48D, 54D thru 54H, 58D, 58E, 59D, 64D thru 70D, 74D thru 74J, 77E, 78E, 80E, 82F thru 89J, 87F, 90F, 91F, 92F, 94F thru 96J, 99G, 100G, 103G, 111G, 112G, 113G, 116H, 115J, 118H, 118J, 121H, 125J, 127J, 130J, 131J			
		<b>NOTE: This tank was built with different size fuel inlet opening. Tanks with the 1-3/16" I.D. opening use fuel cap 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.</b>			
301	33032	Cap, Fuel filler (Red Plastic) (Spurt Resistant, Low Profile) (1.5" I.D.) (Use as required in early production)			
301	34210	Cap, Fuel filler (Red Plastic) (Spurt Resistant, High Profile) (1.5" I.D.) (Use as required in early production)			
301	35355	Cap, Fuel filler (Red Plastic) (1.75" I.D.) Spec. Nos. 127000G, 0H, 11G, 11H, 17G, 18H, 150000M, 0N, 91J, 113M, 113N, 132M, 132N, 133M, 133N, 135J, 136M, 145M, 145N, 147M, 147N, 149M, 164M thru 166N, 168N, 169N, 172N, 174N, 177N. (CONT. TOP OF NEXT COLUMN)			



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE OPERATIONS**  
**GRAFTON, WISCONSIN 53024**

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
308	35437	Clip, Oil fill tube Spec. Nos. <u>127000F</u> , 0G, 0H, 11F, 11G, 11H, 14F thru 18H, <u>150000L</u> , 0M, 0N, 113L thru 113N, 132L, 132M, 132N, 133L thru 133N, 134L, 135L, 135M, 145L thru 145N, 146L thru 146N, 147L thru 147N, 148K, 149M, 151L thru 151N, 152L, 152N, 160L thru 172N, 174N thru 184N, <u>157000G</u> , 0H, 0J, 40G, 40H, 40J, 41G thru 41J, 45G, 51G, 54G, 54H, 54G thru 54J, 65G thru 65J, 69G, 73G, 73H, 74G thru 74J, 75G thru 75J, 81G, 82G, 83G thru 83J, 84G, 84J, 93G, 94G thru 94J, 96G thru 96J, 97G, 97J, 99G thru 123J, 125J, 126H, 127J, 128J, 130J, 131J, 133J	313A	35189	55D, 56E, 57D, 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E thru 79E, 80E, 85F thru 90F, 92F, 110G, 124J, 125J Spacer, Coil Assy. Spec. Nos. <u>150129K</u> , 133K, 134K, 145K, 149K, 151K, 152K, 157041F, 45F, 51F, 57F, 64F, 69F, 74F, 75F, 79F, 81F, 82F, 83F, 84F, 93F, 97F Screw, Hex hd. Sems, 1/4-20 x 3/4 Spec. Nos. <u>127018H</u> , <u>150129K</u> , 133K thru 133N, 134K, 134L, 134M, 145K thru 145N, 149K, 149M, 151K thru 152N, 159L thru 160L, 164M, 164N, 165M, 171N, 172N, 173N, 176N, 177N, 179N, 180N, 181N, 183N, <u>157041F</u> thru 41J, 45F, 45G, 51F, 51G, 57F, 64F thru 64J, 69F, 69G, 74F thru 74J, 75F thru 75J, 76H, 79F, 81F, 81G, 82F, 82G, 83F thru 83J, 84F thru 84J, 93F, 93G, 97F, 97G, 97J, 100G thru 109G, 113G, 115H thru 117H, 119J, 122J, 129J, 126H, 127J, 128J, 131J Coil Assy. (3 amp D.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>127018H</u> , <u>150129K</u> , 134K, 134L, 149K, 149M, 159L, 159M, 160L, 171N, 173N, 176N, 177N, 179N, 180N, 157045F, 45G, 69F, 69G, 76H, 81F, 81G, 83F thru 84J, 100G, 106G, 106H, 119J, 126H Coil Assy. (7 amp D.C.) (Incl. Nos. 322, 322A & 323) Spec. Nos. <u>150133K</u> thru 133N, 145K thru 145N, 151K, 152K, 152L, 152N, <u>157041F</u> thru 41J, 51F, 51G, 57F, 64F thru 64J, 74F thru 74J, 75F thru 75J, 79F, 82F, 82G, 93F, 97F, 97G, 97J, 113G
310	35897	Dipstick, Oil (Incl. No. 307) Spec. Nos. <u>127000C</u> thru 9D, 11C thru 17G, <u>150000H</u> thru 17H, 40H thru 51J, 64E, 71H, 91H thru 113M, 114H thru 122J, 132H thru 133M, 134H thru 137H, 140H, 143H thru 145M, 146H thru 146M, 147H thru 147M, 148J thru 149M, 151K, 151L, 151M, 152K, 152L, 156K, 167K, 160L thru 164M, 165M, 166M, <u>157000D</u> thru 0H, 26D, 26E, 28D thru 41H, 45D thru 60D, 62D, 62E, 64D thru 64H, 65D thru 66H, 66D thru 74H, 76E thru 76H, 76E thru 83H, 84F, 84G, 87F, 89F thru 94H, 96F thru 96H, 97F, 97G, 99G thru 107G, 108G, 109G, 109H, 111G thru 115H, 117H, 118H, 126H	314	650873	Spec. Nos. <u>127010C</u> , <u>150039H</u> , 39J, 62H, 63H, 65H, 80H, 80J, 128H thru 131J, 138H, 139H, 141H, 142H, 150J, 154K, 155K, 158L thru 159M, 173N, 157014D thru 25E, 27D, 27E, 61D, 63D, 85F, 86F, 88F, 98F, 110G, 124J
310	34245	Dipstick, Oil (Incl. No. 307) Spec. Nos. <u>127010C</u> , <u>150039H</u> , 39J, 62H, 63H, 65H, 80H, 80J, 128H thru 131J, 138H, 139H, 141H, 142H, 150J, 154K, 155K, 158L thru 159M, 173N, 157014D thru 25E, 27D, 27E, 61D, 63D, 85F, 86F, 88F, 98F, 110G, 124J	316	611113	Coil Assy. (3 amp D.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>150133K</u> thru 133N, 145K thru 145N, 151K, 152K, 152L, 152N, <u>157041F</u> thru 41J, 51F, 51G, 57F, 64F thru 64J, 74F thru 74J, 75F thru 75J, 79F, 82F, 82G, 93F, 97F, 97G, 97J, 113G Coil Assy., Split system (3 amp D.C. 5 amp A.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>150151L</u> , 151M, 151N, 165M, 181N, 183N, 157093G, 101G, 102G, 104G, 107G thru 109G, 116H, 116J, 117H, 122J, 123J, 128J, 131J Coil, Alternator (3 amp D.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>150164M</u> , 164N, 172N, <u>157115H</u> , 115J, 127J
310	35576	Dipstick, Oil Spec. Nos. <u>127000H</u> , 18H, <u>150000N</u> , 113N, 132N, 133N, 145N, 146N, 147N, 151N, 152N, 164N, 166N thru 172N, 174N thru 184N, 157000J, 41J, 64J, 65J, 74J, 75J, 83J, 84J, 94J, 96J, 97J, 115J, 116J, 118J thru 123J, 125J, 127J thru 133J	316	611104	Coil Assy., Split system (3 amp D.C. 5 amp A.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>150151L</u> , 151M, 151N, 165M, 181N, 183N, 157093G, 101G, 102G, 104G, 107G thru 109G, 116H, 116J, 117H, 122J, 123J, 128J, 131J Coil, Alternator (3 amp D.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>150164M</u> , 164N, 172N, <u>157115H</u> , 115J, 127J
310	35576	Dipstick, Oil Spec. Nos. <u>127000H</u> , 18H, <u>150000N</u> , 113N, 132N, 133N, 145N, 146N, 147N, 151N, 152N, 164N, 166N thru 172N, 174N thru 184N, 157000J, 41J, 64J, 65J, 74J, 75J, 83J, 84J, 94J, 96J, 97J, 115J, 116J, 118J thru 123J, 125J, 127J thru 133J	316	611116	Coil, Alternator (3 amp D.C.) (Incl. Nos. 321, 322 & 323) Spec. Nos. <u>150164M</u> , 164N, 172N, <u>157115H</u> , 115J, 127J
313	33876	Gasket, Stator Spec. Nos. <u>127000C</u> , 0D, 8C thru 11E, 12C, 13E, <u>150000H</u> , 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134H, 134J, 135H, 135J, 136H thru 145J, 146H, 146J, 147H, 147J, 148J, 149J, 150J, 154K thru 167K, 163L, 168N, 169N, <u>157000D</u> , 0E, 14D thru 40E, 41D, 41E, 45D, 46E, 47D thru 51D, 54D, 54E,	319	650874	Screw, Hex washer hd. Sems, 10-32 x 1/2 Spec. Nos. <u>150016H</u> , 16J, 62H, 63H, 64H, 80H, 80J, 133H thru 133N, 136H thru 138H, 142H, 145H thru 146N, 151K, 152K, 152L, 155K, <u>157022D</u> , 22E, 27D thru 35E, 41D thru 41J, 48D, 51D, 51F, 51G, 55D, 67D, 57E, 57F, 60D, 63D, 64D thru 64J, 67D, 71D, 71E, 74D, 74E thru 74J, 75E, 75F thru 75J, 79E, 79F, 82F, 82G, 88F, 89F, 90F, 93F, 97F, 97G, 113G, 124J

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**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE OPERATIONS  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
320	611098	Regulator, Rectifier (7 amp DC) Spec. Nos. <u>150133K</u> thru 133N, 145K thru 145N, 151K, 152K, 152L, 157041F thru 41J, 51G, 57F, 64F, 64G, 64H, 74F thru 74J, 75F, 75G, 79F, 82F, 82G, 93F, 97F, 97G, 113G	323	611118	Terminal, Pin Spec. Nos. <u>150151L</u> , 151M, 151N, 164M, 164N, 165M, 172N, 157093G, 101G, 102G, 104G, 107G thru 109G, 115H thru 117H, 122J, 123J, 127J, 128J
320	610938	Regulator, Rectifier (7 amp) Spec. Nos. <u>150016H</u> , 16J, 62H, 63H, 64H, 80H, 80J, 133H, 133J, 136H thru 138H, 142H, 145H, 145J, 155K, 157022D, 22E, 27D thru 35E, 41D, 41E, 48D, 51D, 55D, 57D, 57E, 60D, 63D, 64D, 64E, 67D, 71D, 71E, 74D, 74E, 75E, 79E, 88F, 89F, 90F, 124J	324	33177	Terminal Spec. Nos. <u>127018H</u> , <u>150129K</u> , 133K thru 133N, 134L, 145K thru 145N, 149K, 149M, 169L, 169M, 160L, 171N, 173N, 176N, 177N, 181N, 183N, 157041F thru 41J, 45F, 45G, 64F thru 64J, 69G, 74F thru 74J, 75F thru 75J, 79F, 82F, 82G, 83G thru 83J, 99G, 100G, 112G, 113G, 123J, 131J
321	611161	Diode Assy. Spec. Nos. <u>127018H</u> , <u>150129K</u> , 134K, 134L, 149K, 149M, 151L, 151M, 151N, 159L, 159M, 160L, 164M, 164N, 165M, 171N, 172N, 173N, 176N, 177N, 179N, 180N, 157045F, 45G, 69F, 69G, 76H, 81F, 81G, 83F thru 83J, 84F, 84G, 84J, 93G, 100G, 101G, 102G, 104G, 106G thru 109G, 115H thru 117H, 119J, 122J, 123J, 126H, 127J, 128J	325	34246	Clip, Ground wire Spec. No. <u>127014F</u> , 15F, <u>150129K</u> , 134K, 134L, 135K, 135L, 135M, 141H, 149K, 149M, 151L, 151M, 151N, 160L, 164M, 164N, 181N, 183N, 157045F, 45G, 54F, 54G, 54H, 69F, 69G, 81F, 88F thru 83J, 84F, 93G, 100G, 101G, 102G, 104G, 107G, 107H, 108G, 112G, 114G thru 117H, 122J, 123J, 127J, 128J, 131J, 133J
322	611142	Connector body Spec. Nos. <u>150151L</u> , 151M, 151N, 165M, 157093G, 101G, 102G, 104G, 107G thru 109G, 116H, 116J, 117H, 122J, 123J, 128J	325A	29443	Clip, Fuel line Spec. Nos. <u>127000E</u> , 0F, 0G, 0H, 11E thru 11H, 16F thru 18H, 150000K, 0L, 0M, 0N, 113K thru 113N, 128K, 129K, 132K thru 132N, 133K thru 133N, 134L, 145K thru 145N, 146K thru 146N, 147K thru 147N, 148K, 158L thru 169M, 165M thru 167M, 170N, 171N, 173N thru 179N, 181N thru 184N, 157000F, 0G, 0H, 40F thru 40J, 41F thru 41J, 64F thru 64J, 65F thru 65J, 69G, 73F thru 73H, 74F thru 74J, 75F thru 75J, 82F, 82G, 83G thru 83J, 84J, 94F thru 96J, 108G, 108H thru 107H, 108G, 111G thru 113G, 115H thru 123J, 128H, 127J, 128J, 130J, 131J
322	611117	Connector body Spec. Nos. <u>150164M</u> , 164N, 172N, 157115H, 115J, 127J	326B	27275	Clip, High tension wire Spec. Nos. <u>127018H</u> , <u>150054H</u> , 79E, 134L, 137H, 141H, 149M, 159L, 159M, 160L, 171N, 172N, 173N, 176N, 177N, 179N, 180N, 157045G, 69G, 83G, 83H, 83J, 84G, 84J, 100G, 106G, 106H, 119J, 126H
322	610921	Connector body Spec. Nos. <u>127018H</u> , <u>150129K</u> , 133K thru 133N, 134K, 134L, 145K thru 145N, 149K, 149M, 151K, 152K, 152L, 159L, 159M, 160L, 171N, 173N, 176N, 177N, 179N, 180N, 157041F thru 41J, 45F, 45G, 51F, 51G, 57F, 64F thru 64J, 69F, 69G, 74F thru 74J, 75F thru 75J, 76H, 79F, 81F thru 84J, 93F, 97F, 97G, 100G, 106G, 106H, 113G, 119J, 126H	327	33817	Plug, Screen Spec. Nos. <u>150080H</u> , 80J, 122H, 122J, 134H, 134J, 134K, 137H, 138H, 142H, 150J, 151K, 152K, 155K, 167K, 160L, 157014D thru 22D, 26D, 25E, 27D, 27E, 31D thru 35E, 47D, 47E, 51D, 51F, 55D thru 57F, 61D, 63D, 68D thru 71E, 76E, 79E, 79F, 80E, 82F, 82G, 83F, 85F, 86F, 88F, 89F, 91F, 93F, 97F, 99G, 100G, 102G
322A	610824	Connector, Flat Spec. Nos. <u>150133K</u> thru 133N, 145K thru 145N, 151K, 151L, 152K, 152L, 157041F thru 41J, 51F, 51G, 57F, 64F thru 64J, 74F thru 74J, 75F thru 75J, 79F, 82F, 82G, 93F, 97F, 97G, 113G			
323	610922	Terminal, Female Spec. Nos. <u>127018H</u> , <u>150129K</u> , 133K thru 133N, 134K, 134L, 145K thru 145N, 149K, 149M, 151K, 152K, 152L, 159L, 159M, 180L, 171N, 173N, 176N, 177N, 179N, 180N, 157041F thru 41J, 45F, 45G, 51F, 51G, 57F, 64F thru 64J, 69F, 69G, 74F thru 74J, 75F thru 75J, 76H, 79F, 81F thru 84J, 93F, 97F, 97G, 100G, 106G, 106H, 113G, 119J, 126H			



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE DIVISION**  
**GRAFTON, WISCONSIN 53024**

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 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
327	34113	Plug, Screen Spec. Nos. <u>150134L</u> , 151L, 151M, 151N, 152L, 152N, 154M, 164N, 180N, <u>157022E</u> , 51G, 69G, 76H, 83G, 83H, 83J, 84G, 84J, 93G, 97G, 97J, 101G, 104G thru 110G, 115H thru 117H, 119J, 122J, 123J, 124J, 126H, 127J, 128J			<u>157022D</u> , 22E, 31D, 31E, 41D thru 45G, 48D, 51D, 51F, 51G, 55D thru 59D, 62D thru 64J, 67D thru 71E, 74D thru 82G, 93F thru 94J, 99G thru 102G, 104G, 106G thru 107H, 109G, 111G, 112G, 115H thru 117H, 119J, 122J, 123J, 124J, 126H, 127J, 131J
327	35392	Plug, Starter Spec. Nos. <u>127000G</u> , 0H, 11G, 11H, 17G, 18H, <u>150000M</u> , 0N, 91J, 113M, 113N, 130J, 131J, 132M, 132N, 133M, 133N, 135J, 135M, 145M, 145N, 146M, 146N, 147M, 147N, 149M, 158M, 159M, 165M thru 179N, 181N thru 184N, <u>157000H</u> , 0J, 40H, 40J, 41H, 41J, 54H, 64H, 64J, 66H, 65J, 73H, 74H, 74J, 75H, 75J, 92F, 94H, 94J, 96H, 96J, 118H, 118J, 121H, 125J, 130J, 131J	366	35669	Tube Assy. Exhaust Spec. No. <u>150150J</u>
			366	29574	Elbow, 90° Street (3/4-14)
			367	32862	Nut, Conduit Spec. Nos. <u>150136H</u> , 136J
			370	34346	Decal, Instruction Spec. Nos. <u>127000C</u> thru 18H, <u>150000H</u> thru 135K, 136H, 136J, 139H thru 148K, 150J thru 168N, 170N, 171N, 173N thru 184N, <u>157000D</u> thru 45F, 47D thru 54F, 55D thru 97G, 98F thru 106H, 108G thru 116H, 117H thru 133J
330	34254	Wire, Alternator adapter (Eyelet terminal & female comb.) Spec. Nos. <u>150016H</u> , 16J, 62H, 63H, <u>157028</u> , 28E, 60D, 89F	370	34416	Decal, Instruction (Bilingual) Spec. No. <u>157116J</u>
330A	34068	Wire Assy., Alt. adapter (Two male terminals)(6-1/4")(3 amp)	370A	550223	Decal, Name Spec. Nos. <u>127000C</u> , 0D, 0E, 10C, 11C, 11D, 11E, 12C
330A	34087	Wire Assy., Alt. adapter (Two male terminals)(4-1/4")(3 amp) Spec. Nos. <u>150040H</u> , 40J, 131H, 131J	370A	34686	Decal, Name Spec. Nos. <u>127000G</u> , 0H, 11G, 11H, 17G, 18H, <u>150000H</u> thru 0M, 51H, 51J, 91H thru 113N, 128H thru 133N, 136H, 136J, 139H, 140H, 142H thru 148K, 165M thru 168N, 174N, <u>157000D</u> thru 0J, 22D, 22E, 31D, 31E, 37D thru 41J, 48D, 51D, 51F, 51G, 55D thru 57F, 60D, 61D, 63D thru 68D, 70D thru 76E, 77E, 78E, 82F, 82G, 89F, 92F, 94F thru 94J; 96G thru 96J, 99G thru 104G, 109G, 111G thru 114G, 116H thru 118J; 121H, 123J, 124J, 125J, 127J, 133J
330A	34069	Wire Assy., Alt. adapter (One male and one female terminal)(6-3/4")(7 amp)	370A	35532	Decal, Name Spec. Nos. <u>150178N</u> , 179N, 182N, 183N, <u>157130J</u> , 131J
330A	34070	Wire Assy., Alt. adapter (Two male terminals)(2-1/4")(7 amp) Spec. Nos. <u>1590064H</u> , 80H, 142H, 155K	370B	35344	Decal, Speed control Spec. Nos. <u>127012C</u> , <u>150140H</u> , 166M, 166N, <u>157067D</u> , 96F, 96G, 96H, 96J, 103G, 118H, 118J
330A	34393	Alternator Adapter Cord Assy. Spec. Nos. <u>127018H</u> , <u>157080E</u> , 82F, 82G	370C	34870	Decal, Instruction (Optional)
341A	32785	Clamp, Blower housing extension Spec. Nos. <u>150016H</u> , 16J, 62H, 63H, 64H, 80H, 80J, 133H, 133J, 136H thru 138H, 142H, 145H, 146J, 155K, <u>157022D</u> , 22E, 27D thru 35E, 41D, 41E, 48D, 51D, 55D, 57D, 57E, 60D, 63D, 64D, 64E, 67D, 71D, 71E, 74D, 74E, 75E, 79E, 88F, 89F, 90F, 124J	370D	34387	Decal, Instruction (Optional)
344	33630	Bracket, Air cleaner Spec. Nos. <u>150039H</u> , 39J, 80H, 80J, 142H, 154K, 155K, <u>157022D</u> , 22E, 25D, 25E, 37D, 37E, 86F			
348	35425	Bracket, Choke clamp			
349	650767	Screw, Hex washer hd. Sems, captite, 8-32 x 27/64 Spec. Nos. <u>157104G</u> , 109G, 116H, 118J, 117H			
361	30063	Screw, Torx T-30 Hex washer hd. sems, 1/4-20 x 1/2 Spec. Nos. <u>127018H</u> , <u>150040H</u> , 40J, 129H, 129J, 129K, 131H, 131J, 133H thru 134L, 136H thru 138H, 145H thru 145N, 149J thru 151N, 159L, 159M, 160L, 164M, 164N, 165M, 171N, 172N, 176N, 177N, 179N, 180N, 181N, 183N,			

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**TECUMSEH PRODUCTS COMPANY**  
ENGINE AND TRANSMISSION GROUP  
SERVICE DIVISION  
GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
		<p><b>NOTE:</b> The following complete magnetos are not available as an assembly. The magneto numbers are shown for reference purposes only. Order component parts individually, as shown in parts breakdown.</p>			
375	610842	Magneto, Tecumseh (Refer to Division 5, Section B, page 28 for breakdown or Fiche 10A, Grid G-2) Spec. Nos. <u>127000C</u> , 0D, 8C thru 11D, 12C, 13E, <u>150000H</u> , 0J, 17H, 39H, 39J, 51H, 51J, 55H, 71H, 91H thru 113J, 116H, 116J, 128H, 128J, 130H, 130J, 132H, 132J, 135H, 135J, 139H, 140H, 141H, 144H, 146H, 146J, 147H, 147J, 148J, 154K, 163L, 168N, <u>157000D</u> , 0E, 40D, 40E, 65D, 65E, 73D, 73E	378	30548B	Condenser Spec. Nos. <u>127000C</u> , 0D, 8C thru 11D, 12C, 13E, <u>150000H</u> , 0J, 17H, 39H, 39J, 51H, 51J, 55H, 71H, 91H thru 113J, 114H thru 128J, 130H, 130J, 132H, 132J, 135H, 135J, 139H, 140H, 141H, 143H, 144H, 146H, 146J, 147H, 147J, 148J, 154K, 156K, 157K, 163L, 168N, 169N, <u>157000D</u> , 0E, 14D, 14E, 25D thru 26E, 37E thru 40E, 54D, 54E, 61D, 65D, 65E, 66D, 72D thru 73E, 85F, 86F, 87F, 92F, 110G, 125J
375	610979	Magneto, Tecumseh alternator (w/ring gear) (12 volt, 7 amp) (Refer to Division 5 Section B, page 36 for breakdown or Fiche 10A, Grid G-4) Spec. Nos. <u>150016H</u> , 16J, 62H, 63H, 64H, 80H, 80J, 133H, 133J, 136H thru 138H, 142H, 145H, 145J, 155K, <u>157022D</u> , 22E, 27D thru 35E, 41D, 41E, 48D, 51D, 55D, 57D, 57E, 60D, 63D, 64D, 64E, 67D, 71D, 71E, 74D, 74E, 75E, 79E, 88F, 89F, 90F, 124J	379	610767A	Condenser Spec. Nos. <u>150016H</u> , 16J, 40H, 40J, 62H, 63H, 64H, 80H, 80J, 129H, 129J, 131H, 131J, 133H, 133J, 134H, 134J, 136H thru 138H, 142H, 145H, 145J, 149J, 150J, 156K, <u>157022D</u> , 22E, 27D thru 35E, 41D, 41E, 45D, 45E, 47D, 47E, 48D, 51D, 55D thru 57E, 58D thru 60D, 62D thru 64E, 67D thru 69E, 70D, 71D, 71E, 74D, 74E, 75E, 76E thru 79E, 80E, 88F thru 91F, 124J
375	610972	Magneto, Tecumseh alternator (w/ring gear) (12 volt, 3 amp) (Refer to Division 5, Section B, page 36 for breakdown or Fiche 10A, Grid G-4) Spec. Nos. <u>150040H</u> , 40J, 129H, 129J, 131H, 131J, 134H, 134J, 149J, 150J, <u>157045D</u> , 45E, 47D, 47E, 56E, 58D, 58E, 59D, 62D, 62E, 68D, 69D, 69E, 70D, 76E, 77E, 78E, 80E, 91F	379 380	631021 632237	Inlet Needle, Seat & Clip Assy. Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 182 for breakdown or Fiche 10A, Grid E-11) Spec. Nos. <u>127000C</u> thru 0H, 11C thru 12C, 14F thru 18H, <u>150000H</u> thru 17H, 40H thru 51J, 64H, 91H, 91J, 122H, 122J, 132H thru 133N, 135H thru 136J, 139H, 140H, 143H thru 145N, 147H thru 149M, 157K, 165M, 166M, 166N, 168N, 169N, 172N, 174N, 177N, 182N, 183N
375	610848	Magneto, Tecumseh (Refer to Division 5, Section B, page 28 for breakdown or Fiche 10A, Grid G-2) Spec. Nos. <u>150114H</u> , 114J, 122H, 122J, 135H, 135J, 143H, 156K, 157K, 169N, <u>157014D</u> , 14E, 25D thru 26E, 37D, 37E, 54D, 54E, 61D, 66D, 72D, 72E, 85F, 86F, 87F, 92F, 110G, 125J	380	632183	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 176 for breakdown or Fiche 10A, Grid E-9) Spec. Nos. <u>127008C</u> thru 9D, 13E, <u>150116H</u> , 116J, 134H thru 134L, 160L, 163L, 164M, 164N
377	30547A	Contact Assy., Breaker Spec. Nos. <u>127000C</u> , 0D, 8C thru 11D, 12C, 13E, <u>150000H</u> , 0J, 16H thru 113J, 114H thru 128J, 129H, 129J, 130H thru 132J, 133H, 133J, 134H, 134J, 135H, 135J, 136H thru 145J, 146H, 146J, 147H, 147J, 148J, 149J, 150J, 154K thru 157K, 163L, 168N, 169N, <u>157000D</u> , 0E, 14D thru 40E, 41D, 41E, 45D, 45E, 47D thru 51D, 54D, 54E, 55D thru 57E, 58D thru 64E, 65D, 65E, 66D thru 69E, 70D thru 73E, 74D, 74E, 75E, 76E, 77E, 78E, 79E, 80E, 85F thru 92F, 110G, 124J, 125J	380	632222	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 182 for breakdown or Fiche 10A, Grid E-11) Spec. Nos. <u>127010C</u> , <u>150113H</u> thru 113N, 138H, 151K thru 152N
			380	632238	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 182 for breakdown or Fiche 10A, Grid E-11) Spec. Nos. <u>150099H</u> , 39J, 80H, 80J, 114H, 114J, 137H, 141H, 142H, 146H thru 146N, 150J, 154K, 155K, 156K, 167M, 180N, 181N, 184N
			380	632250	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 184 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. <u>150062H</u> , 63H, 85H, 71H



**TECUMSEH PRODUCTS COMPANY**  
**ENGINE AND TRANSMISSION GROUP**  
**SERVICE DIVISION**  
 GRAFTON, WISCONSIN 53024

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 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
380	632256	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 184 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. <u>150128H</u> thru 131J, 158L thru 159M, 170N, 171N, 173N, 175N, 176N, 178N, 179N			156K, 158L, 159L, 163L, <u>157000D</u> thru 0G, 26D, 26E, 37D thru 40G, 41D thru 41G, 45D thru 45G, 48D, 54D thru 54G, 64D thru 64G, 65D thru 65G, 66D, 67D, 72D thru 73G, 74D thru 74G, 75E thru 75G, 77E, 78E, 87F, 94F, 94G, 96F, 96G, 98F, 103G, 111G, 112G, 113G
380	632241	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 182 for breakdown or Fiche 10A, Grid E-11) Spec. Nos. <u>157000D</u> thru 31E, 37D thru 57F, 60D, 61D, 63D thru 68D, 70D thru 75J, 78E thru 80E, 82F, 82G, 85F thru 89F, 91F, 92F, 94F thru 96J, 98F, 103G, 107G, 107H, 110G thru 114H, 118H, 118J, 121H, 123J, 124J, 125J, 130J, 131J, 133J	390A	590633	Starter, Rewind (Refer to Division 5, Section C, page 30 for breakdown or Fiche 10A, Grid G-9) Spec. Nos. <u>127011G</u> , 11H, 17G, 18H, <u>150000M</u> , 0N, 91J, 113M, 113N, 130J, 131J, 132M, 132N, 133M, 133N, 135J, 135M, 145M, 145N, 146M, 146N, 147M, 147N, 149M, 152N, 158M, 159M, 165M thru 179N, 181N thru 184N, <u>157000H</u> , 0J, 40H, 40J, 41H, 41J, 64H, 64H, 64J, 65H, 65J, 73H, 74H, 74J, 75H, 75J, 92F, 94H, 94J, 96H, 96J, 118H, 118J, 121H, 125J, 130J, 131J, 133J
380	632254	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 184 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. <u>157035D</u> , 35E, 59D, 77E, 90F			
380	632282	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 186 for breakdown or Fiche 10A, Grid E-13) Spec. Nos. <u>157058D</u> , 58E, 62D, 62E, 69D, 69E, 69F, 75E, 76H, 81F, 81G, 83F, 84F, 84G, 84J, 93F, 93G, 97F, 97G, 97J, 101G, 102G, 106G, 106H, 108G, 119J, 120J, 122J, 126H, 128J	392	590343	Rope Assy., Starter
			393	33286	Hub & Screen Assy., Starter Spec. Nos. <u>160062H</u> , 63H, <u>157028D</u> , 28E, 60D, 89F
			395	33605	Motor, Starter (12 Volt) (Refer to Division 5, Section D, page 20 for breakdown or Fiche 10A, Grid G-11) Spec. Nos. <u>127018H</u> , <u>150040H</u> , 40J, 129H, 129J, 129K, 131H, 131J, 133H thru 134L, 136H thru 138H, 145H thru 145N, 149J thru 151N, 159L, 169M, 160L, 164M, 164N, 165M, 171N, 172N, 176N, 177N, 179N, 180N, 181N, 183N, <u>157022D</u> , 22E, 31D, 31E, 41D thru 45G, 48D, 51D, 51F, 51G, 55D thru 59D, 62D thru 64J, 67D thru 71E, 74D thru 82G, 93F thru 94J, 99G thru 102G, 104G, 106G thru 107H, 109G, 111G, 112G, 115H thru 117H, 119J, 122J, 123J, 124J, 126H, 127J, 131J
380	632422	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 202 for breakdown or Fiche 10A, Grid F-3) Spec. Nos. <u>157069G</u> , 83G, 83H, 83J, 99G, 100G, 115H, 115J, 127J			
380	632430	Carburetor (Incl. No. 184) (Refer to Division 5, Section A, page 202 for breakdown or Fiche 10A, Grid F-3) Spec. Nos. <u>157104G</u> , 109G, 109H, 116H, 116J, 117H			
381	29117	Screw, Hex hd. Shakeproof, thread cutting, 8-32 x 5/16 (Not used on late production)			
382	33581	Screen, Oil filter (Not used in late production)			
<p><b>NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508.</b></p>			<p><b>NOTE: Engine requires a ring gear flywheel (611091 minimum) and the cylinder must have drilled and tapped starter mounting bosses to add the electricstarter. The other ring gear flywheels listed in this manual section can also be used with these electric starters.</b></p>		
390	590479	Starter, Rewind (Refer to Division 5, Section C, page 30 for breakdown or Fiche 10A, Grid G-9)) Spec. Nos. <u>127000C</u> thru 0F, 8C thru 11F, 12C thru 17F, <u>150000H</u> thru 0L, 16H thru 51J, 64H, 65H, 71H, 91H, 113H thru 113L, 114H thru 116J, 128H thru 130H, 131H, 132H thru 132L, 133H thru 133L, 135H, 135K, 135L, 136H, 136J, 139H, 140H, 141H, 143H thru 145L, 146H thru 146L, 147H thru 147L, 148J thru 149K, 154K	400	33279G	Gasket Set (Incl. items marked *)
			407	35837	Fill Tube & Dipstick Assy. Spec. Nos. <u>127000C</u> thru 9D, 11C thru 17G, <u>150000H</u> thru 17H, 40H thru 51J, 64H, 71H, 91H thru 113M, 114H thru 122J, 132H thru 133M, 134H thru 137H, 140H, 143H thru 145M, 146H thru 146M, 147H thru 147M, 148J thru
(CONT. TOP OF NEXT COLUMN)					

FILE IN:  
 DIVISION 3  
 SECTION A  
 Issued April 1982  
 Revised March 1991

**TECUMSEH PRODUCTS COMPANY**  
 ENGINE AND TRANSMISSION GROUP  
 SERVICE DIVISION  
 GRAFTON, WISCONSIN 53024



4-CYCLE MODELS TVM170, TVM195, TVM220

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
408 409 410	35570	149M, 151K, 151L, 151M, 152K, 152L, 156K, 157K, 160L thru 164M, 165M, 166M, 157000D thru 0H, 26D, 26E, 28D thru 41H, 45D thru 60D, 62D, 62E, 64D thru 64H, 65D thru 65H, 66D thru 74H, 75E thru 75H, 76E thru 83H, 84F, 84G, 87F, 89F thru 94H, 96F thru 96H, 97F, 97G, 99G thru 109G, 111G thru 115H, 116H, 117H, 118H, 126H	411	35568	Screen, Debris
	35569	Seal, Screen	413	550907	Screw, Hex washer hd., thread forming, 5/16-18 x 1-5/8 Optional
	730573	Kit, Debris Screen (Incl. Nos. 370D, 408, 409, 411 & 413)	415	730130	Muffler Adapter Kit (Incl. Nos. 274 & 277) (Use as required)
			416	34479	Spark Arrestor Kit (Optional)
			425	730572	Starter Muff Kit (Incl. Nos. 370C, 426 & 427)
			425	34687	Air Cleaner, Starter (Poly)
			427	34869	Bracket, Starter air cleaner Optional

**CODE EXPLANATION:**

\*Indicates parts included in gasket set.

**NOTE:** Always check Master Parts List for possible replacement or obsolescence of part numbers.