



## **Section 16**

# **SPECIAL TOOLS**



Part Number	Description
	<p><b>ENGINE AND ELECTRICAL TOOLS</b></p> <p>C-385      Piston Ring Compressor (3-3/4")</p> <p>C-647      Valve and Clutch Spring Tester</p> <p>C-3160     Hydraulic Valve Lifter Tester</p> <p>C-3339     Dial Indicator Set (0-1" in .001" graduations)</p> <p>C-3427     Valve Guide Reamer</p> <p>C-3430     Valve Guide Reamer</p> <p>C-3747     Power Valve Socket</p> <p>C-3748     Main Jet Remover and Installer</p> <p>C-3915     Snap Ring Pliers</p> <p>C-4161     Universal Carburetor Gauge Kit</p> <p>J-1137     Bending Tool</p> <p>J-5496     Bending Tool</p> <p>J-5790     Hydraulic Valve Lifter Tester</p> <p>J-5959-4   "C" Clamp and Rod Extension</p> <p>J-6042-1   Valve Guide Reamer</p> <p>J-8028     Piston Ring Remover and Installer (3-3/4")</p> <p>J-8056     Valve Spring Tester</p> <p>J-8520     Dial Indicator Set</p> <p>J-8592     Driver Handle (Used also for transmission service)</p> <p>J-9256     Timing Chain Oil Seal Remover</p> <p>J-9614-01   Oil Filter Remover</p> <p>             Screw, Front Cover Crankshaft Seal Installer - Part of J-9163</p> <p>J-7316-1   Belt Strand Tension Gauge</p> <p>J-10185    Needle Seat Remover and Installer</p> <p>J-21008    Diode (Continuity Light)</p> <p>J-21053    Field Jumper Wire</p> <p>J-21154    Alternator Bearing Installer</p> <p>J-21155    Alternator Bearing Remover</p> <p>J-21156    Alternator Rotor Remover</p> <p>J-21202    Step-up Rod Retainer Installer</p> <p>J-21791    Vibration Damper Remover</p> <p>J-21872    Piston Pin Remover and Installer</p> <p>J-21882    Oil Pump Inlet Tube Installer</p> <p>J-21884    Hydraulic Valve Tappet Remover and Installer</p> <p>H-21890    Cell Rate Tester</p> <p>J-21931-2   Valve Spring Remover and Installer</p> <p>J-22248    Timing Chain Cover Alignment Tool and Seal Installer</p> <p>J-22516    Starter Pole Screw Wrench</p> <p>J-22727    Electric Terminal Remover</p> <p>J-23111    PCV Valve Tester</p> <p>J-25097    Sensor Locking Screw Removal Tool</p> <p>J-25331    Pulse Simulator Tester</p> <p>SP-5427    C-Clamp and Rod Extension</p>



Part Number		Description
<b>TRANSMISSION TOOLS</b>		
	J-2619	Slide Hammer
	J-4830-02	Rear Oil Seal Remover
	J-5880-8	.250" Gauge Block
	J-5886-01	Rear Clutch Spring Compressor
	J-8400-11	Stator Support Rear Bushing and Output Bushing Installer
	J-8592	Driver Handle
	J-9617	Rear Oil Seal Installer
	J-9618	Bearing Retainer Bushing Remover and Installer
	J-21232	Puller
	J-21984	Front Oil Seal Installer
	J-21054-2	Case Rear Bushing Remover and Installer
	J-22182	Pump Body Bushing Remover and Installer
	J-22205	Front Pump Oil Seal Remover (Use with J-21232)
	J-22698	Rear Band Adjusting Tool
	J-23499	Solenoid Tester
<b>AXLE AND PROPELLER SHAFT TOOLS</b>		
1	C-3281	Universal Joint Flange Holding Wrench
2	C-3313	Propeller Pin Remover, Installer and Centering Tool
3	C-4142	Splitter
4	W-99DL	Pinion and Ring Gear Setting Gauge (Includes dial indicator set)
5	W-100	Bearing Cup Installer
6	W-104BL	Roller bearing puller set includes: W-104 Puller W-104-21 Adapter SP-1100 Extension C-293-18 Adapter
7	W-126	Driver
8	W-129	Differential Carrier Housing Spreader
9	W-144	Wheel Bearing Adjusting Nut Wrench (2-1/8")
10	W-147	Pinion Shaft Oil Seal Driver
11	W-172	Universal Joint Flange Puller
12	W-186	Driver
13	W-188	Differential Case Bearing Cone Driver
14	W-251	Pinion Shaft Oil Seal Puller
15	W-262	Pinion Inner Bearing Cone Installing Sleeve
16	W-344	Double End Pinion Inner Bearing Cup Installer
<b>STEERING TOOLS</b>		
	J-22569	Steering Shaft Snap Ring Remover and Installer
	W-365	Steering Wheel Puller (Use with SP-5574)
These special tools or their equivalent, if not obtainable through a local source, are available through the following outlet: Miller Special Tools 32615 Park Lane Garden City, Michigan 48135		



## SERVICE PARTS CHANGES

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