

**\*61500B FAN CLUTCH WRENCH**

The four strengthened chromolly billet bulkhead pins in this tool give the professional technician greater durability than tools presently available on the market. These pressed on pulleys have holes instead of bolt heads for use in securing the pulley from rotating while removing or installing the fan clutch assembly. With the use of a 48mm open-end wrench (part 95210) the technician can loosen and tighten the fan clutch on many 2000 and later GM trucks.

**Applications:**



<b>GM</b>	6.5L diesel	2000-2001
Isuzu Duramax	6.6L diesel	2001-2005
Isuzu Duramax with new pin straight slot fan		
<b>*Available In A Kit See Page 31</b>	6.6L diesel	2006 & later

**\*61600 FAN CLUTCH WRENCH** U.S. PATENT 6,912,936

Universal fan clutch wrench works with all "BOLT ON" water pumps that have bolts holding the pulley on the pump. 95260 40mm use with 61600 for 1992-1996 Econoline Vans, 1993-1996 F Series Pickup trucks, with 4.9L engines.



**\*Available In A Kit See Page 31**

**62100 AUDI, BMW & VW FAN CLUTCH WRENCH**

U.S. PATENT 6,912,936 The 62100 is used to loosen and tighten the fan clutch. Can be used with the 61600 for all water pumps that have bolts holding the pulley on the pump.

**Applications: 62100 32mm works with 61600 Fan Clutch**

**Audi**

\*Except press on pulleys 1996 & later

**BMW**

3, 5, 6-8, X & Z series \*Except 4.0L & 4.4L V8 engines  
4.0L & 4.4L V8 with bolt on water pump pulleys

**VW**

Works with 11250 Fan Clutch 1998 & later

\*Except pressed on pulleys

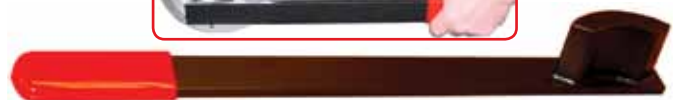


**62800 GM HARMONIC DAMPER HOLDING TOOL**

Aids in the removal and installation of the crank bolt. The bolts holding these pulleys are extremely tight and removal is extremely difficult at best. In replacing the center bolt after installation of the pulley, factory specifications require up to 240 lbs. of torque to seat the pulley properly. This tool allow the factory torque to be attained. (Refer to factory specifications for specific requirements.)

**Applications:**

**GM LS One Gen. III 5.7L V8 1997 & 2004**



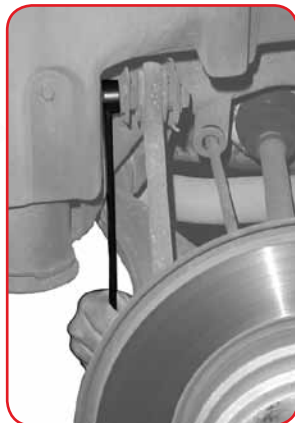
**63100 BMW "A" ARM THRUST BUSHING WRENCH**

This narrow access wrench allows the technician to hold the not with 12-point positioning. Having the box-end feature allows a strong hold for quick removal of the bushing bolt.

**Applications:**

22mm 5-7 Series 1988-1996

21mm 5-7 Series 1996-2001



**\*63800 CAM SEAL INSTALLER** Replace and install the cam seals in 4 & 6 cylinder engines. Place threaded rod screws into the cam end, slides over the rod against the seal then the seal is pressed in using the nut provided.

**Applications:**

Mazda, Nissan, Toyota & Lexus 4 & 6 cylinder engines with 10mm & 12mm X 1.25 cam bolts



**\*See Replacement Parts Page 43-44**

**93260 FAN CLUTCH WRENCH 36mm**

Works with most gas and diesel viscous fan clutches, with a 36mm hex holding the viscous fan clutch to the water pump.



**Applications:** Chrysler, Ford, GM, Jeep, Land Rover and Mazda, with 36mm Hex

**93750B OFFSET 2-1/8" SUPER DUTY 12- AND 6-POINT OXYGEN SENSOR WRENCH**

Completely updated 12 point and 6 point SP Spline Grip Drive giving the technician the ultimate tool to remove oxygen sensors in confined areas.

**Applications:** 22mm non-shielded oxygen sensor wire/connectors

Corvette	LT1 Gen II 5.7L HO MPFI V8	1992 & later
Camaro		1993 & later
Firebird/Trans Am		1993 & later
Corvette ZR1	LT5 5.7L DOHC SFI V8	1989 & later
All Harley Davidson Motorcycles		2007 & later



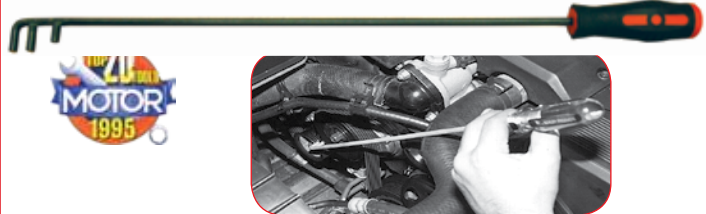
**93480 GM TRANSMISSION SEAL REMOVAL AND INSTALLATION TOOL**

Removes and replaces the shift selector shaft seal on GM transmissions. Disconnect linkage from the shaft end, slide remover over the shaft until the threads engage with the seal. Rotate the remover clockwise using pressure. Insert remover bolt into the center of the remover, tighten the bolt to extract the seal. Slide the new seal over the selector shaft up to the transmission. Place the installer tube over the selector shaft and using a soft face hammer, tap in the new seal.



**94170A BELT IT "SERPENTINE, V-BELT AND TIMING BELT INSTALLATION ASSIST"**

This time saving tool gives the technician the control and reach when installing serpentine belts in all applications. Also helps install V-belts and timing belts that tend to be placed in areas that are difficult to reach. The three pin design gives the technician convenient belt push/pull capability and the handle gives the twisting control to install belts in difficult areas.



**\*95210 FAN CLUTCH WRENCH 36mm & 48mm**

Works with most gas and diesel viscous fan clutches, with either a 36mm or 48mm hex holding the viscous fan clutch to the water pump. Two wrenches are needed to perform removal and replacement of the viscous fan clutch. One wrench to hold the water pump stationary (depending on the application a 99800A, 61600, 61500B, 10800 or 10900 ) and the other wrench a 95210 to remove and replace the viscous fan clutch.

**Applications:**

**61600 + 95210**

Chrysler, Ford, GM, Land Rover, Mazda (except Ford 4.9L 6 cylinder engines, "Bolted on" water pump pulleys.

**99800A + 95210** Chrysler, GM Late Model Gas Engines "Pressed on" water pump pulleys.

**61500B + 95210** GM Late Model Diesel Engines GM 6.5L Diesels 2000-2001, GM / Isuzu Duramax 6.6L 2001-2005 and new straight pin slot fan hub 2006 and later. "Pressed on" water pump pulleys.











**10800 + 95210** Chrysler, Dodge, Jeep 5.7L Hemi Truck Engines 2009 and later "Pressed on" water pump pulleys.



**\*Available In A Kit See Page 31**

# FAN CLUTCH WRENCH QUICK REFERENCE GUIDE

Must Select One Holding Tool from Section A (●) and One Wrench from Section B (○). Both are needed for each application

 <p>If "Bolted-on" use <b>61600</b> to hold the pulley</p> <p>If "Pressed-on" Domestic use <b>99800A</b>, <b>61500B</b> or <b>10900</b></p>	 <p>U.S. PATENT 6,912,936</p> <p><b>Universal 61600</b></p>	 <p><b>Five pin 99800A</b> Domestic gas engines</p>	 <p><b>Four pin 61500B</b> Domestic diesel engines</p>	 <p><b>Three pin 10800</b> 5.7L Hemi truck engines</p>	 <p><b>Four pin 10900</b> Ford diesel engines</p>	 <p><b>11250</b> BMW &amp; Sprinter Van</p>	 <p><b>36mm &amp; 48mm 95210</b></p>	 <p><b>40mm "thin" 95260</b></p>	 <p><b>32mm 62100</b></p>
<p><b>Chrysler • Ford • GM Land Rover • Mazda</b> (except Ford 4.9L 6 cyl. engines, see Ford below) "Bolted-on" water pump pulleys.</p>	●	<p>← <b>WATER PUMP PULLEY HOLDING TOOL Section A</b> →</p>				<p>← <b>FAN CLUTCH WRENCH Section B</b> →</p>			
<p><b>Chrysler • GM Late Model Gas Engines</b> "Pressed-on" water pump pulleys.</p>		●					○		
<p><b>GM Late Model Diesel Engines</b> GM 6.5L diesels 2000-2001, GM / Isuzu Duramax 6.6L 2001-2005 and new straight pin slot fan hub 2006 and later. "Pressed-on" water pump pulleys.</p>			●				○		
<p><b>Dodge • Chrysler • Jeep</b> 2009 and later 5.7L Hemi Truck Engines "Pressed-on" water pump pulleys</p>				●			○		
<p><b>Ford Diesel</b> 2011 and later 6.7L Power Stroke Engines "Pressed-on" water pump pulleys</p>					●		○		
<p><b>Ford 4.9L 6 Cyl.</b> Used on Ford 4.9L 6 cylinder F Series pickup trucks 93-96 and Econoline van 92-96.</p>	●							○	
<p><b>AUDI • BMW • VW</b> AUDI 1996 and later (except pressed on pulley see below) BMW 3, 5, 6, 7, 8, X &amp; Z series. (61600 works on all BMW's except the 4.0L &amp; 4.4L V8 See 11250) VW's 1998 and later "Bolted on" water pump pulleys.</p>	●								○
<p><b>BMW &amp; SPRINTER VANS</b> BMW 4.0L &amp; 4.4L V8 Sprinter Vans 2.7L, Dodge 03-06 "Bolted on" water pump pulleys.</p>					●				○



# UNIVERSAL TOOLS

**89250 MASTER CYLINDER PRESSURE CAP**  
See Page 25



See Page 26

**90450 UNIVERSAL VALVE ADJUSTMENT TOOL 9/16"**  
See Page 25



See Page 26

**91400B UPDATED UNIVERSAL OHC VALVE SPRING COMPRESSOR**



See Page 27

**91400B-LDT VALVE SPRING LOCK DOWN TOOL**



See Page 27

**91900 RADIATOR DRAIN PLUG SOCKET**



See Page 27

**92350 NARROW ACCESS VALVE STEM SEAL REMOVAL PLIERS**



See Page 27

**93750B OFFSET 2 1/8" SUPER DUTY 12 & 6 POINT OXYGEN SENSOR WRENCH**



See Page 28

**94170A BELT IT SERPENTINE, V-BELT AND TIMING BELT INSTALLATION ASSIST**



See Page 28

**96600 UNIVERSAL HOSE PLIERS 1/2" TO 3/4"**



See Page 29

**98110 RELAY AND FUSIBLE LINK SLIP JOINT PLIERS**



See Page 30

## GM

**11700 DURAMAX LB7 INJECTOR PULLER KIT**



See Page 8

**12150 DURAMAX FUEL RAIL PRESSURE WRENCH**



See Page 8

**12400 DURAMAX TURBO VANE POSITION SENSOR SOCKET**



See Page 9

**12900 21mm and 24mm ALIGNMENT WRENCH**



See Page 9

**13100 GM DURAMAX WATER IN FUEL SENSOR WRENCH**



See Page 10

**13300 DURAMAX LLY, LBZ, LMM INJECTOR PULLER KIT**



See Page 10

**13350 CAMARO 3.6L HARMONIC DAMPER PULLEY PULLER**



See Page 11

**14300 DURAMAX FAN PULLEY HOLDER**



See Page 13

**15500, 15510, 15520 NOX AND SOOT SENSORS**



See Page 14

**61500B FAN CLUTCH WRENCH**



See Page 16, 28, 32

**61600 FAN CLUTCH WRENCH**



See Page 15, 16, 28, 29, 31, 32

**62800 GM HARMONIC DAMPER HOLDING TOOL**



See Page 16

**64900A UPGRADED HARMONIC DAMPER PULLEY PULLER**



See Page 11, 17, 31

**66200 GM DOOR BUSHING INSTALLATION TOOL**



See Page 19

**69200 GM DURAMAX CRANKSHAFT AND FLYWHEEL KIT**



See Page 22