

## DIESEL: DIESEL SERVICE SETS



### Cummins® B and C Series

Stock No.	Description	Applications				Set Contents	
		12 valve	24 valve		CUMDS12V	CUMDS24V	
		pre-1994	1994-1998-1/2	1999-2002	2003	12 valve	24 valve
FB300A	Bent Blade Feeler Gauge (Blue-Point®)	•	•	•	•	•	
EEPD500	Diesel Compression Gauge	•	•	•	•	•	
MB5D	Bronze Injector Brush (Blue-Point®)	•	•	•	•	•	
MB6BTA	9" Injector Brush (Blue-Point®)	•	•	•	•	•	
YA9565A	Engine Turning Tool (Blue-Point®)	•	•	•	•	•	
CJ140-1	Slide Hammer Injector Puller	•	•	•	•	•	
CJ142	M14 Diesel Injector Puller Adaptor	•			•		
FRHM17	3/8" Drive 6-Point Metric 17 mm Flank Drive® Flare Nut Crowfoot Wrench	•			•		
FRXM17	6-Point Metric Flare Nut Socket	•			•		
M3584	Compression Adaptor	•			•		
SP144	Injection Pump Wrench (Blue-Point®)	•			•		
SP145	Idle Lock Nut Wrench (Blue-Point®)	•			•		
TSM24	6-point Metric Deep Socket	•			•		
FRHM19	3/8" Drive 6-Point Metric 19 mm Flank Drive® Flare Nut Crowfoot Wrench		•	•		•	
FRXM19	6-Point Metric Flare Nut Socket		•	•		•	
EEPV313C	Diesel Compression Gauge Adaptor		•	•		•	
CJ143	8 mm Diesel Injector Puller		•			•	
CJ144	15 mm Diesel Injector Puller		•	•		•	
SP504	Gear Puller (Blue-Point®)		•	•		•	
CJ148	Fuel Line Plug		•	•	•	•	
CJ149	Fuel Tube Remover			•	•	•	
TB40	Tote Bag				•	•	

### Optional Tools

#### SP346 Fan Wrench (Blue-Point®)

- 36 mm open end wrench services fan clutch attaching bolts on B Series Cummins® engines

#### CUMDS12V 14 pc 12 Valve Diesel Set for Cummins® B and C Series Engines

- Includes 3/8" drive 6-point metric 17 mm flare nut socket and flare nut crowfoot wrench, 1/2" drive 6-point metric 24 mm deep socket, feeler gauge, diesel compression adaptor, bronze injector brush, stainless-steel injector brush, injection pump wrench, 10 mm idle lock nut wrench, 12 mm diesel injector puller adaptor, M14 x 1.5 diesel injector puller adaptor, slide hammer injector puller, engine turning tool and 0-800 PSI diesel compression gauge
- Includes tote bag

#### CUMDS24V 14 pc 24 Valve Diesel Set for Cummins® B and C Series Engines

- Services Cummins® B and C Series 12 and 24 valve engines 1994 and later
- Additional uses include Dodge® heavy-duty pickups and all applications with ISB and ISC diesel engines
- Includes 3/8" drive 6-point metric 19 mm flare nut socket, 3/8" drive 6-point metric 19 mm flare nut crowfoot wrench, feeler gauge, bronze injector brush, stainless-steel injector brush, gear puller, 8 mm diesel injector puller, 15 mm diesel injector puller, slide hammer injector puller, engine turning tool, diesel compression gauge adaptor, fuel line plug, fuel tube remover and 0-800 PSI diesel compression gauge
- Includes tote bag

#### TWM14A 6-Point Metric Shallow Socket

**Diesel Timing Gauge Set**
**SP500 Diesel Timing Gauge Set**
**(Blue-Point®)**

- The SP500 diesel gauge set will update existing 2017DSP diesel service sets to handle 1994–1998 Cummins® B engines used in Dodge® Ram® 250/350 pickup trucks and some Ford® trucks

**SP503 Spline Socket (Blue-Point®)**

- Used to remove and replace the delivery valve on most Bosch® fuel injection pumps

**SP504 Gear Puller (Blue-Point®)**

- Used to remove the injection pump gear
- Bolt thread is M8 x 1.25
- Bolt length is 44 mm

**SP5001 Dial Indicator (Blue-Point®)**

- Features rack and pinion construction
- Refer to the pump manufacturer's service manual when using this gauge
- Gauge diameter is 2-1/4"
- Range is 30 mm
- Gauge is marked in .01 mm increments

**SP5002 Gauge Holder (Blue-Point®)**

- Used in fuel injection pump in place of the #1 delivery valve to locate the base circle of the injection pump cam
- Male thread is M22 x 1.5


**DIESEL: SERVICE TOOLS FOR CUMMINS® ENGINES**
**Wet Sleeve Pullers**
**CG80HYA Hydraulic Wet Sleeve Puller**

- Provides hydraulic pressure for removing wet sleeves on Cummins® diesels, trucks, heavy construction and farm equipment with a cylinder diameter of 3–6"
- Reach is 7–12"
- Adjustable bridge fits around studs in block
- Includes a 6-ton hydraulic power pack

**CG80A Wet Sleeve Puller**

- Manual version of CG80HYA

**CG80-22 5/16" Wet Sleeve Insert**

- For CG80A and CG80HYA wet sleeve pullers

**CG80-11 1/4" Wet Sleeve Insert**

- For CG80A and CG80HYA wet sleeve pullers


**Pulley Installers and Pullers**
**M1324 Pulley Installer**

- For installing the accessory drive pulley on the shaft
- Includes 7/8"-14 NC threaded adaptor, washer type bearing and installer housing

**CJ83C Pulley and Gear Puller**

- Ideal for servicing crankshaft pulleys, gears and timing gears on a wide range of gasoline and diesel engines including Cummins® accessory drives and water pumps
- Includes (2) 3/8"-16 x 3", 5/16"-18 x 2-1/2" and M10-1.5 x 65 mm bolts
- Nominal capacity is 3-1/2-ton

**CJ86-1 Yoke**

- Included with CJ2002 gear puller set
- 1-3/4–4-1/2"

**CJ83-3 Pressure Screw**

- 3/4–16 x 5-1/8"

**CJ66-15-3 Centering Point**

- 5/8" head, 90° outward point

**ME5A54 Washer**
**ME5A55 Washer**
**ME3A45 Stud**
**ME3A44 Bolt**
**ME3A75 Stud**


- Screen the puller application
- Inspect the puller, do not use damaged parts
- Use the proper type and size puller for the job
- Read safety precautions on pages W1 to W4

## DIESEL: SERVICE TOOLS FOR CUMMINS® ENGINES



### Torque Adapter Set

**M1302A5 Screwdriver**

- 1/2 x .062" screwdriver

**M1302B18 12-Point Deep Socket**

- 9/16" deep, 12-point socket

**M1302B24 12-Point Deep Socket**

- 3/4" deep, 12-point socket

**ST669 6 pc Torque Adaptor Set**

- Includes (6 pc)
- Use to loosen and adjust lock nuts to manufacturing specifications

**ST669-1 Handle Assembly**

- Included in ST669 torque adaptor set

**TM82 1/4" Drive Flat Tip Short Bit Socket**

- Manufactured from high grade alloy steel



### Compression Adaptors

**M3540C Compression Adaptor**

- For Cummins® 855 in<sup>3</sup> NH and 903 V8 and L10 diesel engines

**M3584 Compression Adaptor**

- For Case®/Cummins® series B 2.9 L, 3.9 L and 5.9 L diesel engines

**M3585 Compression Adaptor**

- For Case®/Cummins® series C 8.3 L engines



### Injector Brushes

**MB5D Bronze Injector Brush (Blue-Point®)**

- Bronze, non-abrasive brush cleans carbon from injector tips

**MB6BTA 9" Injector Brush (Blue-Point®)**

- Stainless-steel wire brush cleans the injector cavity in the cylinder head
- 9" long



### Fuel Line Tools

**CJ148 Fuel Line Plug**

- For plugging fuel lines

**CJ149 Fuel Tube Remover**

- For fuel inlet tubes on later model vehicles

**YA6615 24 mm Cummins® Flare Nut Wrench (Blue-Point®)**

- Use on Dodge® trucks with 5.9 L engines (2003 and later) and 6.7 L engines (2007 and later)
- Easily slides into the confined area of the cylinder head
- Wrench is required to hold the 24 mm flare nut while the 19 mm fuel line coupler is loosened
- Helps prevent costly damage to the fuel lines



### Air Compressor Fuel Pump Wrenches

**M1328A Air Compressor/Fuel Pump Wrench**

- Includes 5/8", 12-point box wrench on one end for servicing fuel pumps and a specially designed 11/16" open end for access to air compressor bolts

**M1321 Air Compressor/Fuel Pump Wrench**

- Similar to M1328A but has a 12-point box wrench on both ends
- Accommodates air compressor and fuel pump flange bolts on NH Series Inline 6 cylinder engines

**M1329 Fuel Pump Wrench**

- Includes 7/16", 12-point box end for servicing fuel pump bolts on NH series engines equipped with Cummins® air compressors
- 6-5/8" long



### Valve Adjusting Wrenches

**M1322 Valve Adjusting Wrench**

- 3/4", 12-point box wrench to tighten lock nuts on rocker arms
- Designed to clear the aftercooler
- 14-3/4" long

**M1319 Valve Adjusting Wrench**

- 7/8", 12-point box wrench to tighten lock nuts on rocker arms
- Designed to clear the aftercooler
- 12" long



## Injector Pullers

### CJ125A Injector Puller

- Slide hammer puller services D, top stop, and small V8 injectors
- 10-1/2" long

### CJ140 5 pc Diesel Injector Puller Set

- Use on fuel injectors in Cummins® B and C series 3.9 L, 5.9 L and 8.3 L engines used in Dodge® pickups, Case® tractors and off-road equipment
- Will service all 1994–1998-1/2 standard injectors as well as fuel inlet tubes

### CJ140-1 Slide Hammer Injector Puller

- Use to pull injectors from heads on 1998-1/2–2002 Dodge® and Cummins® engines

- 8 x 1.25 mm thread
- Use CJ144 puller to pull the fuel inlet tube prior to removing the injector

### CJ141 Diesel Injector Puller Adaptor

- Use on Cummins® diesel injectors prior to 1994

### CJ142 M14 Diesel Injector Puller Adaptor

- Use on Cummins® diesel injectors from 1994–1998-1/2

### CJ143 8 mm Diesel Injector Puller

- Use on 1998-1/2 Cummins® diesel injectors in tight access areas

### CJ144 15 mm Diesel Injector Puller

- Use on 1998-1/2–2002 Cummins® diesel fuel inlet tubes



## Fan Wrenches

### SP346 Fan Wrench (Blue-Point®)

- 36 mm open end wrench services fan clutch attaching bolts on B Series Cummins® engines



## Starter Bolt and Fuel Filter Wrenches

### B4400A Starter Bolt Wrench

- Manufactured from special alloy steel and heat treated for optimum strength
- Specially contoured for tight access areas



## Injector Pump Idle Lock Nut Wrenches

### SP144 Injection Pump Wrench (Blue-Point®)

- 13 mm, 12-point box wrench is used to service the injection pump mounting bolts found on 5.9 L Cummins® engines

### SP145 Idle Lock Nut Wrench (Blue-Point®)

- 10 mm, 12-point wrench with 90° angle is designed to remove or install mounting bolts on the diesel injection pump
- For Cummins® B Series 5.9 L engines

## Specialty Service Tools

### CJ158 Fuel Rail Plug

- Manufactured from special alloy steel
- Precision machined and heat treated for optimum strength and durability
- Used to block off fuel injector line ports on the fuel rail to test fuel injectors
- For use on 2007 and newer Cummins® 6.7L diesels

## Engine Turning Tools

### YA9565A Engine Turning Tool (Blue-Point®)

- Used to rotate the engine for making valve and injection pump adjustments on Cummins® and J.I. Case® 3.9 L, 5.9 L and 8.3 L B and C Series engines



• Read safety precautions on pages W1 to W4

## DIESEL TOOLS



### Fuel Line Disconnect Tools

- This set includes a total of four fuel line disconnect tools: –two tools—a straight and a 90° angle—for the 11.8 mm fuel lines and; –two tools—a straight and a 90° angle—for the 16 mm fuel lines
- The OEM tool sets ZTSE4773 and ZTSE4772 do NOT include the straight tools—the straight tools allow access into tight areas
- All four tool handles are highly visible orange for easy identification



#### FDT11 Angled Fuel Disconnect Tool

- 90° angle for 11.8 mm fuel lines
- Handle is highly visible orange for easy identification

#### FDT11STR Straight Fuel Disconnect Tool

- For 11.8 mm fuel lines
- The OEM tool sets ZTSE4773 and ZTSE4772 do NOT include the straight tools the straight tools allow access into tight areas
- Handle is highly visible orange for easy identification

#### FDT16 Angled Fuel Disconnect Tool

- 90° angle for 16 mm fuel lines
- Handle is highly visible orange for easy identification

#### FDT16STR Straight Fuel Disconnect Tool

- For 16 mm fuel lines
- The OEM tool sets ZTSE4773 and ZTSE4772 do NOT include the straight tools the straight tools allow access into tight areas
- Handle is highly visible orange for easy identification

#### FDT1116 Fuel Line Disconnect Tool Set

- This set includes a total of (4) fuel line disconnect tools: (2) tools a straight and a 90° angle for the 11.8 mm fuel lines, and (2) tools a straight and a 90° angle for the 16 mm fuel lines
- The OEM tool sets ZTSE4773 and ZTSE4772 do NOT include the straight tools the straight tools allow access into tight areas
- All four tool handles are highly visible orange for easy identification
- Set includes FDT11, FDT11STR, FDT16 and FDT16STR (4 pc)



SP7882

### Injector Height Gauges

#### SP7882 6 pc Diesel Injector Height Gauge Set

- Five-in-one gauge set covers all applications for Detroit Diesel® 50 and 60 series engines
- Includes (5) injector height gauges and (1) handle
- Includes storage pouch



FCT706

### Fan Clutch Wrench

#### FCT706 Fan Clutch Wrench (Blue-Point®)

- Fan clutch wrench for heavy duty truck engines
- Hole pattern on tool aligns with fasteners on fan hub
- Use with open end to remove fan clutch
- 24-1/2" length for maximum leverage



FB308D

FB328A

FB325A

### Feeler Gauges

#### FB325A SAE and Metric Feeler Gauge Set (Blue-Point®)

- 25 blades
- Blade size .0015 and .002–.025"
- Use for adjusting governor gap
- Double stamped with SAE and metric sizes

#### FB308D Step Feeler Gauge Set and Holder (Blue-Point®)

- For adjusting valves
- Includes 12 step blades in sizes .008"/.010" through .028"/.030"
- Step Feeler Gauge Set

#### FB328A Step Feeler Gauge Set and Holder (Blue-Point®)

- For adjusting valves
- Includes two step blades: .011"/.013" and .013"/.015"
- For valve adjustment on GM® 8.2L engines
- Double stamped with U.S. and metric siz



M3530



M3531

### Governor Gap Wrenches

#### M3530 Governor Gap Adjusting Wrench

- 3/8" open ends, 4" long
- Special thin design with 30° and 60° angle heads

#### M3531 Governor Gap Lock Nut Wrench

- 7/16" open ends and is 4-1/4" long
- Special thin design with 30° and 60° angle heads



WSW3

### Starter Bolt and Fuel Filter Wrenches

#### WSW3 Fuel Filter Water Sensor Wrench

- Glass filled nylon tool with four sizes 40, 41, 42 and 46 mm
- All in one tool that works on all four OEM and aftermarket sizes available in the marketplace today
- Applications includes 6.6L Duramax® Diesel engines including 2001 to current Chevy® Silverado® and GMC® Sierra® 2500 and 3500 vehicles



M3517B



M3518

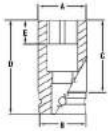
### Push Rod Wrenches

#### M3517B Push Rod Lock Nut Wrench

- 1/2" open end, 102° offset handle

#### M3518 Push Rod Adjusting Wrench

- 5/16" open end, 102° offset handle


**M3525A**

**M3503B**

**S6200**

**FLS1219**

### Special Application Sockets

#### M3525A 1/2" Drive Spanner Socket

- 1/2" drive, 3-7/32" long
- Includes 1-1/8" internal hex for use on "Fuel Squeezer" series of engines

#### M3503B 3/8" Drive Fuel Line Nut Socket

- 1/2" wrench opening
- Six-point, 3/8" drive
- Shaped for access to fuel line nuts
- 3-1/4" long
- Additional applications on the head temperature sensor found on Buell® Motorcycles

#### S6200 1/2" Drive 12-Point Metric 12 mm Engine Bearing Cap Bolt Impact Socket

- Use to service engine cam bearing cap bolts on both older and newer generation Detroit Diesel® engines
- Newer generation Detroit Diesel® engines use longer cam bolts than earlier generation engines
- The S6200 is specially designed to work on both engine generations
- 4-3/8" long

#### FLS1219 1/2" Drive Fuel Line Socket

- Designed to easily torque the fuel injector lines correctly, reducing if not eliminating the possibility of a fuel leak or damaging the line, fuel rail or fittings
- Easily applies the factory required torque of 30 ft-lb
- No torque adaptors with complicated calculations required
- Use on Cummins® ISB engines 1998 to present
- 19 mm, 1/2" drive

#### FLS1222 1/2" Drive Fuel Line Socket

- Designed to easily torque the fuel injector lines correctly, reducing if not eliminating the possibility of a fuel leak or damaging the line, fuel rail or fittings
- Easily applies the factory required torque of 80 ft-lb
- No torque adaptors with complicated calculations required
- Use on Cummins® ISX engines 2007 to present
- 22 mm, 1/2" drive

### DIESEL: FORD®/NAVISTAR®


**SRD6**

**YA9340**

### Belt Tensioning Tools

#### SRD6 Belt Tensioner Release Tool

- 6" long adaptor with 1/2" male square
- The female triple square drive allows the user more flexibility to work around obstacles by coming in at different angles with a 1/2" breaker bar
- Similar to Snap-on® 6" torque adaptors but with a male square
- If using with a torque wrench, please refer to Snap-on® part # SS306G Torque Chart for formula to obtain the correct applied torque
- Heavy Duty Applications:  
For serpentine belt tensioners with a 1/2" square drive opening found on Series 60 Detroit Diesel® and Caterpillar® engines
- Other heavy duty applications include buses and delivery vans where the doghouse or engine shrouding can get in the way and make the work area very tight
- Automotive Applications:  
1/2" serpentine belt tensioners on Dodge®/Chrysler® vehicles (2.0 L and 3.0 L engines) Ford® vehicles Lincoln® and Mercury® vehicles (2.3 L, 3.0 L, 4.2 L and 4.6 L engines) GM® vehicles (2.5 L, 4.7 L, 5.0 L and 5.7 L engines)

#### YA9340 Serpentine Belt Wrench (Blue-Point®)

- Use to release any serpentine belt tensioner with 1/2" square drive opening
- Ratcheting action allows better positioning of the tool, which allows more swing angle than a solid-type serpentine belt wrench
- Reversible ratchet head is only 1" thick so it will fit between tensioner face and fan blades on S Series 60 Detroit Diesel® and some Caterpillar® engines
- Also great for working on buses and delivery vans where the doghouse or engine shrouding restrict access
- Compact overall length keeps handle from coming in contact with radiator hoses, charged air cooler pipes, hydraulic lines or frame rails
- Vinyl grip for comfort
- 13" overall length



- Do not use chrome or industrial finish hand tools with impact drivers
- Do not use "cheater bars" on handles
- Read safety precautions on pages W1 to W4



S6196KR

**Ford® ICP Sensor Socket**

**S6196KR 3/8" Square Drive 6-Point ICP Sensor Socket for Ford® Vehicles**

- Easily remove and install the ICP Sensor on 2002 and 2003 Ford® 6.0 L diesel truck engines
- Spring retention securely holds sensor during use
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- 6-point configuration and Flank Drive® wrenching system
- Chrome/nickel alloy finish resists against rust and corrosion
- Snap-on® sockets using the Flank Drive® wrenching system grip the fastener on the flanks/flats which deliver 15–25% more turning power



FGPT

**Glow Plug Tools**

**FGPT Glow Plug Harness Tool**

- Prevents damage to harness and connector rail
- Removes and installs glow plug connectors
- Orange color for easy identification in dark engine compartments



FFW2

**Ford® Fuel Filter Wrench**

**FFW2 3/8" Drive 36 mm Dual Fuel and Oil Filter Cap Socket (Blue-Point®)**

- Dual Purpose 36 mm hex and six notches allows the tool to work as both a fuel filter and oil cap socket
- 3/8" drive



DEFT325

**Diesel Exhaust Fluid (DEF) Tools**

**DEFT300 Diesel Exhaust Fluid (DEF) Tube Release Forks**

- Each fork has both a straight and 90° design to access most locations
- Reduces time spent fighting with hard to reach clips

**DEFT322 Small DEF Fork**

- Forks designed to depress locks that retain DEF lines allowing for easy removal
- Each fork has both a straight and 90° design to access most locations
- Reduces time spent fighting with hard to reach clips

**DEFT325 Medium DEF Fork**

- Forks designed to depress locks that retain DEF lines allowing for easy removal
- Each fork has both a straight and 90° design to access most locations
- Reduces time spent fighting with hard to reach clips

**DEFT334 Large DEF Fork**

- Forks designed to depress locks that retain DEF lines allowing for easy removal
- Each fork has both a straight and 90° design to access most locations
- Reduces time spent fighting with hard to reach clips



DEFT300



MT257B

**Diesel Pulse Adaptor**

**MT257B Diesel Pulse Adaptor (Blue-Point®)**

- Test injector timing or engine RPM on diesel engines equipped with 1/4" or 6 mm external steel fuel injector lines
- Enables use with inductive pick-up timing light to test engine timing
- MT257B is not for use on diesels with common rail fuel systems



MB5D

MB73A

**Injector Brushes**

**MB5D Bronze Injector Brush (Blue-Point®)**

- Bronze, non-abrasive brush cleans carbon from injector tips

**MB73A Injector Brush (Blue-Point®)**

- Combination 5/16" and 13/16" diameter stainless-steel wire brush to clean the injector bore and injector tip hole in the cylinder head

### Quick Couplers

#### M3569A Quick Coupler

- 45° offset

#### M3570A Quick Coupler

- 90° offset



M3569A



M3570A

### Pulley Puller

#### SP448 Pulley Puller (Blue-Point®)

- For removing the air pump pulley
- Fits over pulley flange



SP448

### Ford® Diesel Turbo Tools

#### PSWT10K Power Stroke® Diesel Turbo Wrench for Ford

- 10 mm wrench is ideal for accessing the turbo mounting bolts located between the firewall and the turbo with exhaust intake in the way
- Designed for use on 2003 and later 6 L diesel Power Stroke® engines used on Ford® F250, F350, E250 and E350
- Additional applications on Navistar® VT365 engines and some International® 4000 series of medium duty trucks
- Wrench has a zero degree offset six-point head
- Designed to remove excessively tight fasteners off the intake when removing turbocharger where a conventional 15° offset wrench will not work
- 5-1/2" long



S6210



PSWT10K

#### S6210 Diesel Turbo Inlet Pipe Socket for Ford® Vehicles

- Socket designed like the S6210

#### TAP1225 Turbo Vane Actuator Puller

- Specially designed for Ford® 6.4 L turbo diesel to save the technician time
- Compact size fits on or off the truck
- Self-aligning for easy install
- Remove the actuator link rod from the arm on the turbo of 2008–2010 Ford® 6.4 L Power Stroke® diesel engines



TAP1225

### Fuel Injector Sockets

- Complies with Ford® TSB 11-10-10
- 12-point, 17mm Crows Foot design allows socket to slip onto the injector easily at any angle
- Design allows you to spin the socket under bent fuel lines
- Nose geometry reduces electrical connection damage
- The depth stop keeps the socket at the specified height
- Thick mass reduces flex and flare nut damage
- Design allows for clearance to torque the fitting without a torque adapter

#### YA1140-1 Long Diesel Injector Crowfoot Socket (Blue-Point®)

- Ford® 6.7 L Power Stroke® Diesel
- The in-line design of the YA1140-1 allows accurate torquing of the injector and clears the plastic housing and fuel return line



YA1140-1

#### YA1140-21 Offset Diesel Injector Crowfoot Socket (Blue-Point®)

- Ford® 6.7 L Power Stroke® Diesel
- The design of the YA1140-21 allows it to rotate under the fuel line while the depth stop keeps it at the specified height to clear the plastic housing



YA1140-21

#### YA1140 Diesel Injector Crowfoot Socket Set (Blue-Point®)

- Set includes YA1140-1 and YA1140-21 (2 pc)
- 12-point, 17 mm Crows Foot design allows socket to slip onto the injector easily at any angle
- Design allows you to spin the socket under bent fuel lines
- Nose geometry reduces electrical connection damage
- The depth stop keeps the socket at the specified height
- Thick mass reduces flex and flare nut damage
- Design allows for clearance to torque the fitting without a torque adaptor

### Injector Hold Down Fastener Tools

#### S6340E 3/8" Drive TORX® T40 Injector Hold Down Fasteners Bit Socket

- Manufactured from special alloy steel and heat-treated for optimum strength
- Snap-on® bits are designed with precise fit and tight tolerance to prevent slippage and disengagement
- Perfect length of 3-1/8" is ideal for removing and reassembly of Ford® Power Stroke® 6.0 L diesel injectors
- A regular length T40 bit socket is too short and a long T40 bit socket is too long when used with a ratchet or torque wrench and will not fit the application



S6340E



- Do not use chrome or industrial finish hand tools with impact drivers
- Read safety precautions on pages W1 to W4



## DIESEL: FORD®/NAVISTAR®

### Injector Line Sockets



FLS1417

#### FLS1417 Injector Line Socket Set

- Includes FLS3814 (14 mm) and FLS3817 (17 mm) Injector Line sockets

#### FLS3814 Injector Line Socket

- Socket allows easy and accurate torquing of injectors
- Unique flare nut socket design allows for easy access without damaging expensive injectors
- Open side allows over 180 degree rotation
- Thin enough to fit injector with wire loom attached
- Short enough to fit between engine and fender well
- Designed for use on BMW® N54, N63 and S63 engines
- 14 mm, 1/2" drive

#### FLS3817 Injector Line Socket

- Socket allows easy and accurate torquing of injectors
- Unique flare nut socket design allows for easy access without damaging expensive injectors
- Open side allows over 180 degree rotation
- Thin enough to fit injector with wire loom attached
- Short enough to fit between engine and fender well
- Designed for use on BMW® N54, N63 and S63 engines
- 17 mm, 1/2" drive

## AUTOMOTIVE DIESEL



SWR3



S3624



A129



OFSKIT

### Sensor and Filter Sockets

#### SWR3 Water Sensor Socket

- Easily remove/replace water sensor without damage when changing the fuel filter on 2001 present GM® 6.6 L DuraMax® diesel engines
- GM® 6.6 L Duramax® diesel engine applications include 2001 present Chevy®/GMC® pickups and Chevy®/GMC® medium duty trucks
- Manufactured from high strength, chemical-resistant glass filled nylon
- NOTE: Due to possible sensor distortion from previous incorrect removal/installation methods, the sensor may slip in the SWR3 during removal. Use to reinstall the sensor, when proper hand tightening is used
- 3/8" square drive

#### S3624 3/8" Square Drive Metric 24/36 mm Filter Flip Socket

- One tool will remove/install all three filter caps on Ford® 6.0 L Power Stroke® diesel powered vehicles such as super-duty series pickups, Econoline® vans and Excursions
- Use for removal and installation of the oil filter cap, primary and secondary fuel filter caps on these vehicles
- Not for impact use
- Requires optional 3/8" drive extension (FX1 or FXWP1 1-1/2" long)
- Additional 24 mm applications include Buick® vehicles: VVT-V6 Rendezvous Ultra, LaCrosse® CSX – Cadillac® vehicles: VVT-V6 CTS, STS, SRX – Saturn® vehicles: L-3000 V6
- Additional 35/36 mm applications include Audi®/Volkswagen®: VR6 engine – BMW®: 6, 8 and 12 cylinder engines – Mercedes-Benz®: diesel engines – Mini-Cooper®, Volvo®: 40 and 50 series, XC90 with 3.2L 6-cylinder engine
- Finish: nickel/chrome

#### A129 Diesel Fuel Filter Socket

- Use for removing and installing fuel filter housings
- 1-1/8" wrench size
- 3/8" drive

#### OFSKIT 4 pc Oil/Fuel Filter Socket Set

- Set includes A127 and A106 Oil Filter sockets, S3624 Filter Flip socket and A129 Cummins® Diesel Fuel Filter socket in storage tray

#### Applications

- A127 Oil Filter Socket – Remove and install 27 mm (1-1/16) oil filters on 2003 and later Mercedes-Benz® 1.8L 4 cylinder engines
- Additional applications include aftermarket oil filters with one nut at the top of canister
- A129 Cummins® Diesel Fuel Filter Socket – Use for removing and installing fuel filter housings found on 2002 and later Dodge® Ram® trucks with the 24-valve Cummins® diesel engine
- A106 Low Profile Oil Filter Socket
- GM® Ecotec®, 2.0L, 2.2L and 2.4L four-cylinder engines
- Saturn®: L-series (2001), Ion and Vue (2002 and later)
- GM®: Cavalier, Sunfire®, Grand AM, Sonoma, S10, Alero (2002 and later)
- Malibu®: 2002–2006
- Pontiac®: G6 and Solstice® (2006)
- Chevrolet®: HHR, Cobalt®, Cobalt SS (2006)
- Saab®: Some general applications
- S3624 Filter Flip Socket – One tool will remove/install all three filter caps on Ford® 6.0L Power Stroke® diesel powered vehicles such as Super-Duty® Series Pickups, Econoline® Vans and Excursions
- Use for removal and installation of the Oil Filter cap plus Primary and Secondary Fuel filter caps on these vehicles
- Additional 24 mm Applications
- Buick®: VVT-V6 Rendezvous Ultra, LaCrosse® CSX
- Cadillac®: VVT-V6 CTS, STS, SRX
- Saturn®: L-3000 V6
- Additional 35/36 mm Applications
- Audi®/Volkswagen®: VR6 engine
- BMW®: 6, 8 and 12 cylinder engines
- Mercedes-Benz®: diesel engines
- Mini-Cooper®
- Volvo®: 40 and 50 series, XC90 with 3.2L 6-cylinder engine

### Fuel Sensor Wrenches

#### FRP1215 Fuel Rail Pressure Sensor Wrench

- Designed to remove fuel rail pressure sensors on 2006–2010 Duramax® LBZ and LMM diesel engines
- Cushioned grip for comfort
- Heat-treated for durability
- Flex-head handle for increased mobility
- Compact socket head fits into tight spaces


**FRP1215**

### DIESEL: AUTOMOTIVE DIESEL

### Injector Pullers

#### IPK1170 Injector Puller Kit

- Injector Puller Kit for GM® LB7 Duramax® Engines
- Pulls injector straight
- Pulls far enough to completely remove a stuck injector
- Saves time by reducing the likelihood of loosening the sleeves (up to 1/2 hour per sleeve)
- Removes sleeve from injector without damage

#### IPK1220 Injector Puller kit

- Removes diesel injectors on VW® and Audi® vehicles from 2000 present
- The correct tools all in one kit - no searching for shop tools
- Kit contains three adaptors with 2 lb slide weight on a 10" slide shaft
- Kit includes newest style adaptor that will keep this kit current for the next ten-plus years

#### IPK1330 Injector Puller kit

- Use to remove diesel injectors from GM® vehicles produced from 2004 to 2010 with an LLY, LBZ, or LMM Duramax® engine
- Pulls injector straight out without rocking
- Pulls far enough to completely remove a stuck injector
- Saves time and reduces the likelihood of damaging injector or head

#### IPK1400 Injector Puller kit

- Removes fuel injectors from GM® vehicles produced from 2009 to current with SIDI engines
- Works on many other makes and models of motor vehicles
- Designed to pull the injector straight out reducing the possibility of damaging the injector or head
- Pulls injector straight out without rocking
- Sturdy enough it won't slip off
- Saves time and reduces likelihood of damaging the head or injector


**IPK1170**

**IPK1220**

### Metric Injector Sockets

#### S6128 Metric Injector Socket

- 30 mm, six-point. 2-1/16" bolt clearance. 7/16" opening depth, 2-11/16" long
- 7/8" external hex on drive end

#### S6104B Metric Injector Socket

- For diesel engines in VW® and Mercedes® vehicles
- 27 mm, 12-point
- Clearance bored to fit over fuel injector
- 1/2" drive. 3-1/4" long


**S6104B**
**S6128**

### Flywheel Lock (Blue-Point®)

#### YA6925 Flywheel Lock for GM® Duramax® 6.6 Liter Engines (Blue-Point®)

- Works on 2001 and later 6.6 L Duramax® diesel truck engines
- Saves time by not removing the starter motor
- Holds the engine in place for high torque requirements
- Handle is visible to remind the technician that the engine is locked


**YA6925**

### Turbo Vane Socket

#### TVS1240 Turbo Vane Socket (Blue-Point®)

- Split socket made from alloy steel and designed with additional strength
- Correct geometry to reduce the possibility of damaging the sensor
- Fits the confined location between the cold and hot sides of the turbo


**TVS1240**


- Do not use chrome or industrial finish hand tools with impact drivers
- Read safety precautions on pages W1 to W4

## DIESEL FUEL SERVICE



### EEDF400 Diesel EGR and Induction Cleaning System (Blue-Point®)

- The performance of clean diesel engines using cooled EGR and common rail injection can be adversely affected by soot and fuel deposits
- The EEDF400 System safely cleans the Diesel EGR circuit, coolers, intake, injectors, turbo charger and fuel system
- Converts cleaner into foam to better penetrate hard carbon
- Increases Cetane and enhances fuel atomization for more complete combustion
- Lowers emissions, smooths rough idle, improves fuel economy and performance
- Technical Support: 1-877-776-8486
- Note: A one-time purchase of the EEDF400M manifold is required to use the EEDF400 cleaning tool with some optional adaptors



EEDF400

Stock No.	Fluid Capacity	Input Pressure Minimum	Hose Length	Operating Temperature Range	Dimensions	Shipping Weight, lb
EEDF400	64 oz	60 PSI	7-1/2'	40-120 °F	16-1/2" L x 10-1/2" W x 11-3/4" H	10.8



EEDF400-1A



EEDF400-2



EEDF400-7A



EEDF400-19



EEDF400-22



EEDF400-23



EEDF400-24



EEDF400-25

### Optional Accessories

#### EEDF400STR Diesel EGR and Induction Cleaning System (Blue-Point®)

- The performance of clean diesel engines using cooled EGR and common rail injection can be adversely affected by soot and fuel deposits
- The EEDF400 System safely cleans the Diesel EGR circuit, coolers, intake, injectors, turbo charger and fuel system
- Converts cleaner into foam to better penetrate hard carbon
- Increases Cetane and enhances fuel atomization for more complete combustion
- Lowers emissions, smooths rough idle, improves fuel economy and performance
- Technical Support: 1-877-776-8486
- Note: A one-time purchase of the EEDF400M manifold is required to use the EEDF400 cleaning tool with some optional adaptors

#### EEDF400-1A EGR Cleaning Adaptor

- EGR adaptor for Ford® 6.0 L engines
- Requires the EEDF400M (sold separately)

#### EEDF400-2 EGR Cleaning Adaptor (Blue-Point®)

- EGR Adaptor for Ford® 6.4 L Engines

#### EEDF400-7A EGR Cleaning Adaptor

- EGR Adaptor for Cummins® Engines (2007-2010)
- Requires EEDF400M (sold separately)

#### EEDF400-19 EGR Cleaning Adaptor (Blue-Point®)

- EGR Adaptor for Mercedes® Engines
- Requires use of EEDF400M (sold separately)

#### EEDF400-21 Adaptor EGR Exhaust VW®

#### EEDF400-22 Adaptor EGR Intake (Blue-Point®)

- EGR Adaptor for VW® 1.6L Engines
- Requires use of EEDF400M (sold separately)

#### EEDF400-23 Adaptor EGR Intake (Blue-Point®)

- EGR Adaptor for VW® and Passat® Engines
- Requires use of EEDF400M (sold separately)

#### EEDF400-24 Adaptor EGR Intake (Blue-Point®)

- EGR Adaptor for Mercedes® 3.0L Engines, 2012-2014
- Requires use of EEDF400M (sold separately)

#### EEDF400-25 EGR Cleaning Adaptor (Blue-Point®)

- EGR Adaptor for VW® 1.9L Engines
- Requires use of EEDF400M (sold separately)

#### EEDF400-27 Adaptor EGR Cummins® ISC 8.3 L

#### EEDF400-28 Adaptor Cummins® ISC, ISL, ISM

#### EEDF400-29 Adaptor EGR Cummins® ISX14

#### EEDF400-30 Adaptor EGR Cummins® ISX15

#### EEDF400-33 Adaptor EGR Mack® MP7-11 2007

#### EEDF400-34 Adaptor EGR Maxxforce® 7

#### EEDF400-36 Adaptor EGR International® DT466

#### EEDF400-37 Adaptor EGR MBE4000 12.8 L

- EEDF400-39 Adaptor EGR MBE900-904 7.2 L**
- EEDF400-51 Replacement Pressure Gauge**
- EEDF400-52 Replacement Regulator**
- EEDF400-53 Air Valve/Fluid Valve**
- EEDF400-54 Fill Port Cap**
- EEDF400-55 Fill Port O-Ring**
- EEDF400-506 Adaptor EGR E506 Slot Exhaust**
- EEDF400-520 Adaptor EGR Exhaust 2.31 IN Bolt**
- EEDF400-527 Adaptor EGR Exhaust E527 Bolt**
- EEDF400-528 Adaptor EGR Exhaust E528 Bolt**
- EEDF400-531 Adaptor EGR E531 Center Intake**
- EEDF400-532 Adaptor EGR E532 Center Intake**
- EEDF400-535 Adaptor EGR E535 Sensor Port**
- EEDF400-560 Adaptor EGR E560 Intake/Exhaust**
- EEDF400-565 Adaptor EGR 565 Intake Exhaust**
- EEDF400-571 Adaptor EGR E571 Hose Intake**
- EEDF400-572 Adaptor EGR E5572 Exhaust**
- EEDF400-576 Adaptor EGR E576 Center Intake**
- EEDF400-577 Adaptor EGR E577 Center Exhaust**
- EEDF400-581 Adaptor EGR E581 Intake**
- EEDF400-591 Adaptor EGR E591 Center Intake**
- EEDF400-592 Adaptor EGR E592 Inside Exhaust**
- EEDF400-617 Invalid Part**
- EEDF400-621 Adaptor EGR E621 Hose Intake**
- EEDF400-622 Adaptor EGR E622 Center Exhaust**
- EEDF400-627 Adaptor EGR E627 3.08 B Center Exhaust**
- EEDF400-628 Adaptor EGR E628 Center Intake**
- EEDF400-631 Adaptor EGR E631 Round 5 Hole Intake**
- EEDF400-636 Adaptor EGR E636 Round Intake**
- EEDF400-637 Adaptor EGR E636 Round Intake**
- EEDF400-638 Adaptor EGR E637 Round Exhaust**
- EEDF400-639 Adaptor EGR E639 Hose Exhaust**
- EEDF400-641 Adaptor EGR E641 Hose Intake**
- EEDF400-642 Adaptor EGR E642 2.25 ID Hose Exhaust**
- EEDF400-651 Adaptor EGR 651 Round Intake**
- EEDF400-655 Adaptor EGR E655 Hose Intake**
- EEDF400-656 Adaptor EGR E656 IRR Trap**
- EEDF400-657 Adaptor EGR E657 Round Plug Exhaust**
- EEDF400-676 Adaptor EGR E676 Center Intake**
- EEDF400-677 Adaptor EGR E677 Center Exhaust**
- EEDF400-683 Adaptor EGR E683 SQ 4 Hole Exhaust**
- EEDF400-684 Adaptor EGR E684 OCT 2 Hole Intake**
- EEDF400-686 Adaptor EGR E686 Round 3.12 Intake**
- EEDF400-692 Adaptor EGR E692 SQ 4 Hole Intake**
- EEDF400-EUR 9 pc European Vehicle Adaptor Set**
  - Used with the EEDF400 Cleaning Tool
  - Safer cleaning of Diesel EGR circuits, coolers, intakes, injectors, turbo charger and fuel systems on many European vehicles
  - Can assist in lowering emissions, smoothing rough idle, and improving fuel economy and performance
  - Technical Support 877-776-8486
- EEDF400-NA 7 pc Domestic Vehicle Adaptor Set**
  - Used with the EEDF400 Cleaning Tool
  - Safer cleaning of Diesel EGR circuits, coolers, intakes, injectors, turbo charger and fuel systems on many domestic vehicles
  - Can assist in lowering emissions, smoothing rough idle, and improving fuel economy and performance
  - Technical Support 877-776-8486
- EEDF400M EGR Manifold**


**EEDF400-531**

**EEDF400-535**

**EEDF400-560**

**EEDF400-565**

**EEDF400-591**

**EEDF400-592**

**EEDF400-636**

**EEDF400-677**


- Injector cleaner is flammable, avoid flames and sparks
- Read and follow all instructions
- Wear appropriate gloves and clothing
- Read safety precautions on pages W1 to W4