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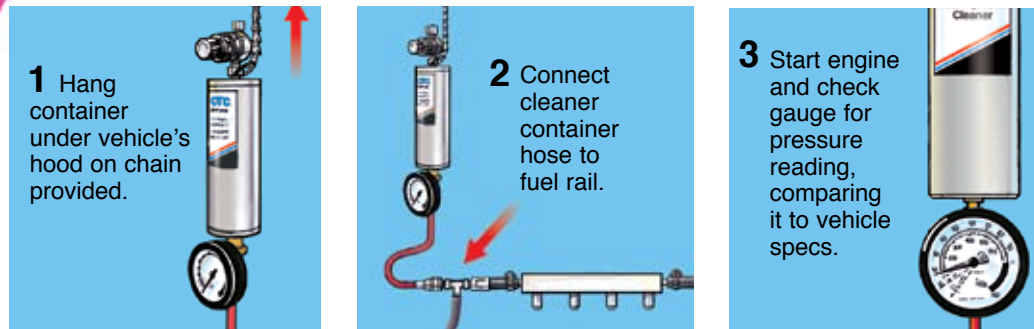


FUEL SERVICE TOOLS

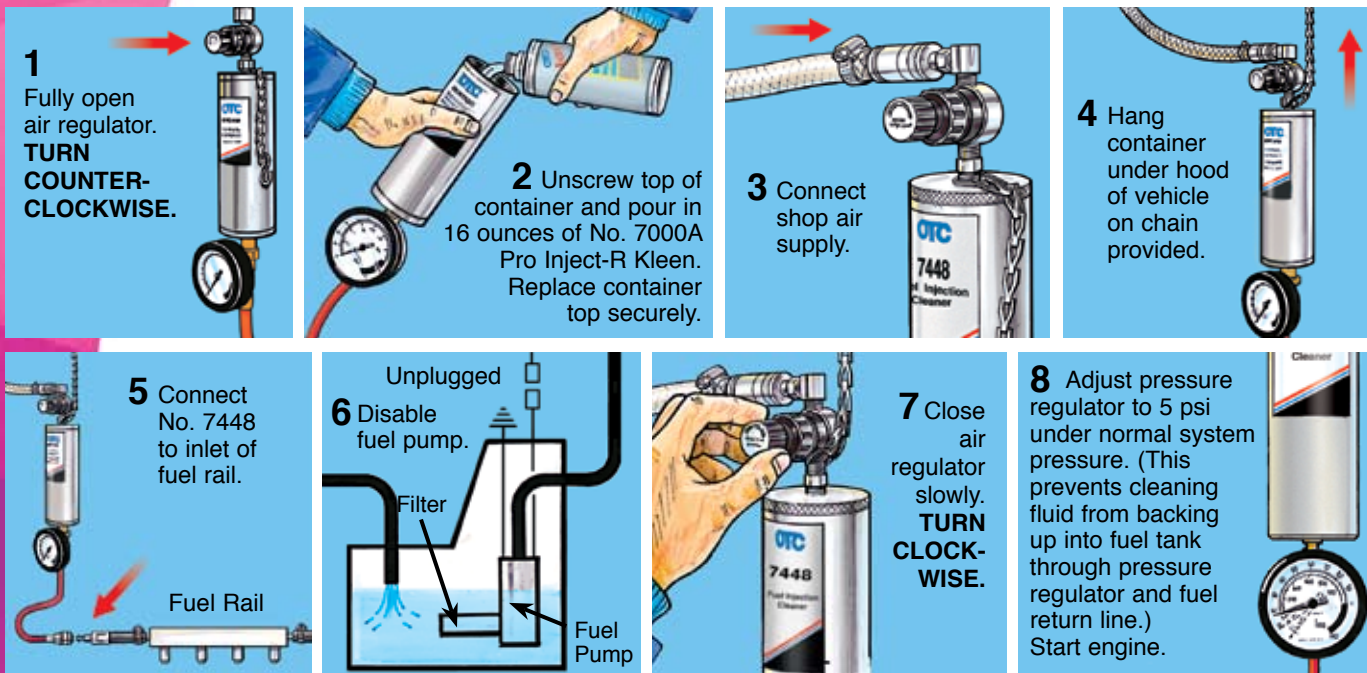
Fuel Service Tools

Only OTC offers you complete fuel injection service coverage:

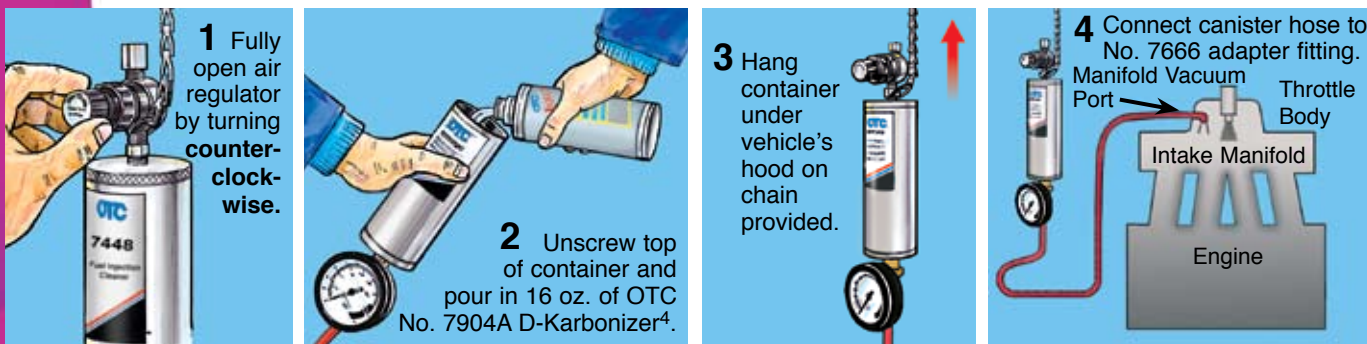
Diagnostic (Fuel Pressure Check)



Cleaning Injectors



Intake System Decarbonizing



- 5** a) Locate a manifold vacuum port (NOT ported vacuum) near throttle body or carburetor to distribute decarbonizing solution evenly. Connect decarbonizer hose with adapter to vacuum port.
- b) Start engine. Manually increase throttle to 1,500 RPM. Slowly open shut-off valve until engine runs rough and RPM decreases. (Do not manually increase RPM at this point.)
- c) When 16 oz. of decarbonizer solution has been used, turn off engine. Remove adapter fitting from engine and reconnect vacuum hose. Do not start engine for at least 30 minutes, to allow cleaning solution to loosen carbon deposits.

Fuel Injector Cleaning Kit

Clogged fuel injectors cause sluggish engine performance, poor fuel economy, and a rough idle. You can easily correct such problems with this injector cleaning kit. It works on a wide range of engines, both domestic and imported. Using our Pro Inject-R Kleen fluid, you can effectively clean injectors, restore their spray patterns, and prevent recurring deposits. The kit also enables you to do low- and high-pressure fuel system tests. It will also work with your shop's pressurized air supply for more powerful cleaning without expensive propellants.

- Removes carbon from intake and combustion systems when used with fitting No. 7666 and No. 7904A D-Karbonizer⁴ fluid.
- Includes canister, gauge, hose, fittings, operating instructions.

No. 7649 – Fuel injector cleaning kit. Wt., 9 lbs., 10 oz.

No. 7659 – Fuel injector cleaning kit. Includes everything in kit No. 7649, plus twelve 16 oz. cans of Pro Inject-R Kleen fluid. Wt., 29 lbs.



7649

No. 7236 – Spring lock coupling adapter
No. 7272 – EFI quick-disconnect fitting (.307-32 internal; Ford)
No. 7273 – Pressure adapter TBI (5/16" and 3/8")
No. 7430 – Quick-disconnect 90° elbow fitting (7/16"-20 internal)
No. 7441 – Banjo fitting (M8 internal banjo)
No. 7442 – Banjo fitting (M10 internal banjo)
No. 7443 – Banjo fitting (M12 internal banjo)
No. 47955 – Fuel injector cleaner (canister)

Canister-type Fuel Injector Cleaner

When connected to your shop's pressurized air supply, this tool provides the most effective method of cleaning fouled fuel injectors. It's much quicker than aerosol methods, and it works on many domestic and imported engines, with either low- or high-pressure systems. The canister, built with brass and aluminum, is rugged and holds 18 fluid ounces. The gauge's large dial is easy to read. We recommend that our No. 7000A Pro Inject-R Kleen fluid be used with this cleaner.

- Works with all OTC fuel injection system adapters.
- Will remove carbon from intake and combustion systems, when used with our No. 7666 adapter and No. 7904A D-Karbonizer⁴ fluid.
- Includes gauge, 72" hose, under-hood hanger, and instructions.

No. 7448 – Canister-type fuel injector cleaner. Wt., 6 lbs., 14 oz.



7448

No. 313575 – Pressure gauge
No. 213299 – Air regulator
No. 213209 – O-ring
No. 206878 – Coupler socket
No. 306905 – Hose

Pro Inject-R Kleen Fluid

Clean fuel injectors mean cleaner running, more efficient engines – and lower emissions. This fluid restores injectors' original spray pattern, helps prevent recurring problems, and reduces intake and port deposits. We recommend it for all of our canister-type cleaning devices.

- No mixing; use right from the can.

No. 7000A – Pro Inject-R Kleen fluid. Case of 12 16-oz. cans. Wt., 13 lbs., 10 oz.

No. 7000A-1 – Pro Inject-R Kleen fluid single can.



7000A

Not a fuel additive
DO NOT POUR INTO
FUEL TANK.

D-Karbonizer⁴ Intake System Cleaning

When you need serious intake system cleaning, you need our D-Karbonizer⁴ fluid. It quickly strips away carbon, gum, and varnish. A clean intake and combustion system results in easier starting, less engine knocking, better fuel economy, and fewer emissions. We recommend it for all of our canister-type cleaning devices.

- No mixing; use right from the can.

No. 7904A – D-Karbonizer⁴ intake system cleaning treatment. Case of 12 16-oz. cans. Wt., 13 lbs., 10 oz.

No. 7904A-1 – D-Karbonizer⁴ single can.

Not a fuel additive
DO NOT POUR INTO
FUEL TANK.



7904A

FUEL SERVICE TOOLS

Fuel Service Tools



7797



7635A

Fuel Injection Diagnostic Set

With these sets, you can quickly and accurately diagnose fuel pressure problems on Chrysler, Ford, GM, or Jeep engines that have multi-port fuel injection systems. You can also bleed air from the system with the bleed valve. No. 7211 gauge assembly allows technicians to check fuel pressure and fuel volume.

Set Includes:

- No. 7665 – GM TBI fuel pressure adapter
- No. 7430 – Quick-disconnect 90° elbow fitting
- No. 7272 – Ford EFI quick-disconnect fitting
- No. 211398 – Pressure hose
- No. 206878 – Coupler
- No. 19088 – O-ring

No. 7797 – Fuel injection diagnostic set. Wt., 1 lb., 13 oz.

No. 7635A – Basic fuel injection diagnostic set. (Same as No. 7797, but does not include No. 7665 GM TBI adapter.) Wt., 1 lb., 8 oz.

Gauge and Hose Assembly

This gauge is designed to work with any of our fittings for testing fuel injection systems. It features a sturdy 3-1/2" dial that reads 0–100 psi. It also has a built-in (100–150 psi) retard to prevent excess pressure damage. The assembly's disconnect fitting has a check valve to lessen chance of fuel spray.

- Includes 6-ft. bleed hose and 30" pressure hose.
- Bleed valve eliminates air from injection system and can be used to reduce pressure when disconnecting hoses.
- Bleed valve also allows gauge assembly to be used to check fuel pump volume.

No. 7211 – Gauge and hose assembly. Wt., 1 lb., 3 oz.

No. 306905 – Optional pressure hose, 70" long. Wt., 7 oz.

No. 7211M – Gauge, 6' bleed hose, and 70" pressure hose.



7211

Fuel Pressure Tester Kit

Quickly and easily locate any malfunctioning fuel system component, including fuel filters, pressure regulators, fuel lines, and fuel pumps without removing it from the vehicle.

Features and benefits:

- Large, easy-to-read 0–100 psi scale, 0–700 kPa.
- Solid brass fittings.
- Pressure relief valve for safe, clean testing.

No. 5630 – Fuel pressure tester kit. Wt., 1 lb., 4 oz.



5630

Master Fuel Injection Kit

Test fuel injection systems on most GMs, including GM TBI, Ford, Chrysler, and Jeep vehicles. Also works on imports, including CIS and CISE fuel systems. With this kit you can diagnose fuel-related problems, such as a weak fuel pump or restricted fuel filter, and perform leak-down tests. Kit includes 0–100 psi fuel pressure gauge and 35 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve. Replacement seal kit also included.

No. 6550 – Master fuel injection kit. Wt., 11 lb., 12 oz.

6550



Domestic Fuel Injection Kit

Test fuel injection systems on most GMs, including GM TBI, Ford, Chrysler, and Jeep vehicles. With this kit you can diagnose fuel-related problems, such as a weak fuel pump or restricted fuel filter, and perform leak-down tests. Kit includes 0–100 psi fuel pressure gauge and 17 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve. Replacement seal kit also included.

No. 6551 – Domestic fuel injection kit. Wt., 4 lb., 2 oz.

6551



Import Fuel Injection Kit

Test fuel injection systems on imports, including CIS and CISE fuel systems. With this kit you can diagnose fuel-related problems, such as a weak fuel pump or restricted fuel filter, and perform leak-down tests. Kit includes 0–100 psi fuel pressure gauge and 23 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve for. Replacement seal kit also included.

No. 6552 – Import fuel injection kit. Wt., 4 lb., 2 oz.

6552



Asian Fuel Injection Fitting Kit

The fittings in this kit enable you to connect OTC No. 7211 gauge (not included) to most Hyundai, Honda, Mitsubishi, and other Asian automotive engines, and diagnose most common fuel system problems involving low fuel pressure and low fuel volume at the injectors. Each fitting comes with a quick-connect Schrader valve for easy hookup to the gauge assembly.

- Fitting seals are compatible with most popular cleaning solvents.
- Includes operating instructions and handy blow-molded case.

No. 6570 – Asian fuel injection fitting kit. Wt., 3 lb.

6570



FUEL SERVICE TOOLS


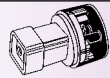
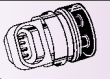
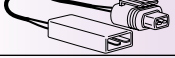
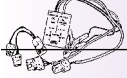














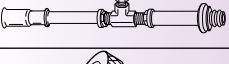


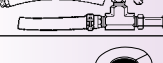


Fuel Injection Comparison Chart (Adapters, Fittings, and Accessories)

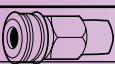


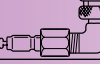










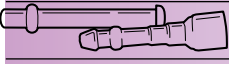


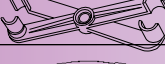






No.	Description	6550	6551	6552	6570
518356	CIS/TBI hose assembly with shutoff valve	•	•	•	
518472	16 mm x 1.5 internal o-ring adapter	•	•		
518473	14 mm x 1.5 external o-ring adapter	•	•		
518474	14 mm x 1.5 internal o-ring adapter	•	•		
518476	Ford hairpin adapter (5/16")	•	•		
518477	Seal Kit	•	•	•	
518478	Single-end hose adapter (1/4, 5/16, 3/8)	•	•	•	
518480	Double-end hose adapter (5/16, 3/8)	•	•	•	•
518481	16 mm x 1.5 external o-ring adapter	•	•		
518482	14 mm x 1.5 external o-ring plug	•	•		
518483	3-1/2" gauge, 0–100 psi (0–7 BAR)	•	•	•	
518484	M10 x 1.0 internal o-ring adapter	•		•	
518485	M8 x 1.0 internal o-ring adapter	•		•	
518486	M12 x 1.5 internal swivel adapter	•		•	
518487	GM TBI inline adapter (16 mm x 1.5)	•	•		
518488	M8 x 1.0 external o-ring adapter (long)	•		•	
518489	M10 x 1.0 external o-ring adapter	•		•	
518490	M6 x 1.0 external o-ring adapter	•		•	•
518491	M8 x 1.0 external banjo adapter	•		•	
518492	M10 x 1.0 external banjo adapter	•		•	
518493	M12 x 1.5 external banjo adapter	•		•	
518494	M12 x 1.25 external banjo adapter	•		•	•
518495	Ford flexible EFI adapter	•	•		
518496	M16 x 1.5 external & internal swivel adapter	•		•	
518497	1/4" BSPT external & internal swivel adapter	•		•	
518498	M14 x 1.5 external & internal swivel adapter	•		•	
518499	Ford spring lock adapter	•	•		
518501	M14 x 1.5 external banjo adapter	•		•	
518527	GM/Chrysler hairpin adapter (3/8")	•	•		
518530	Gauge hose assembly with relief valve	•	•	•	
518534	5/8" x 18 external flare adapter	•	•		
518535	5/8" x 18 internal flare adapter	•	•		
518536	M8 x 1.0 external o-ring adapter	•		•	
518537	M8 x 1.0 internal o-ring adapter (long)	•		•	
518542	7/16 x 20 GM/Chrysler flexible adapter	•	•		
528177	7/16 x 20 GM/Chrysler elbow adapter				
528178	7/16 x 20 GM/Chrysler straight adapter (short)				
528180	Low pressure gauge 0–15 psi (0–1 BAR)				
528182	16 mm x 1.5 elbow GM TBI fitting				
528183	3/8 hairpin adapter				
528541	5/8 x 18 flare straight adapter				
528766	M12 banjo adapter				•
528767	M8 x 1.0 double banjo bolt				•
528768	M12 x 1.25 double banjo bolt				•
528769	M8 banjo fitting				•
528770	.430 diameter adapter				•
528771	.560 diameter adapter				•
528772	5/8" diameter adapter				•
528773	O-ring & washer kit				
528774	O-ring & washer kit				•
528776	Ford EFI adapter				
528779	16 mm x 1.5 internal union adapter				



FUEL SERVICE TOOLS

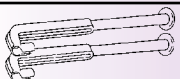






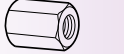




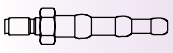
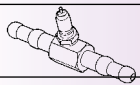
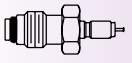
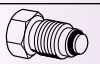
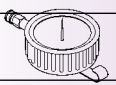
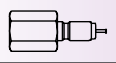
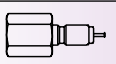
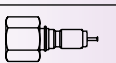
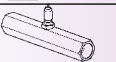
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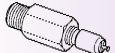
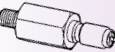
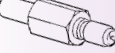
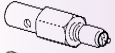


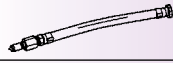
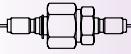

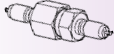
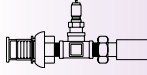
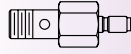
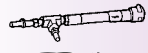

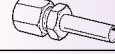


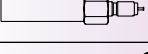









	Part No.	Description
	3054C	Noid Lite/IAC signal tester with fiber optic cable. Wt., 15 oz.
	3052S	IAC signal tester (GM). (Square 4-pin connector). Wt., 3 oz. See page 74.
	3053S	IAC signal tester (GM). (Flat 4-pin connector). Wt., 3 oz. See page 74.
	3305-53	TBI adapter. Wt., 11 oz.
	3320	2-in-1 idle air/idle speed control tester. Wt., 10 oz. See page 49.
	3397	Fuel injector tester (TBI adapter included). (Same as Kent-Moore J-39021-22.) Wt., 2 lbs., 10 oz. See page 48.
	3398	Fuel injection pulse tester. Wt., 10 oz. See page 74.
	4506	Fuel line clamp set. Wt., 6 oz.
	6023	Noid Lite (for GM Multec 2 injectors). Wt., 2 oz. See page 73.
	6260	Fiber Optic Noid Lite Extension Cable. Wt., 5 oz. See page 74.
	6266	Noid Lite (for GM Bosch 2 injectors). Wt., 2 oz.
	6509	Fuel line disconnect tool. Wt., 3 oz. See page 76.
	6511	Fuel line disconnect tool. Wt., 3 oz. See page 76.
	7000A	Injector cleaning fluid. case of 12 cans. Wt., 13 lb., 10 oz. See page 67.
	7187	Noid Lite (GM TBI). GM model 220, 300, 500 series TBI. Wt., 2 oz. See page 73.
	7188	Noid Lite (Bosch PFI). GM model 700 series TBI. Wt., 2 oz. See page 73.
	7211	Pressure gauge assembly (0-100 psi). Wt., 1 lb., 3 oz.
	7214A	Quick-disconnect straight fitting (1/16-20 internal). (Also conversion adapter for Champion and 3M.) Wt., 2 oz.
	7222A	Adapter set (5/8-18 internal, 45° flare inverted). Wt., 7 oz.
	7236	Spring lock coupling adapter same as Ford 310-D003 (D85L-9974-C). Wt., 7 oz.
	7244	Quick-disconnect tool (for duck bill clips). Same as Ford 307-123 (T82L-9500-AH). Wt., 2 oz.
	7272	EFI Quick coupler disconnect fitting (Ford .307-32 internal). Wt., 1 oz.
	7273	Pressure adapter (1/16" & 3/8" fuel line). Wt., 8 oz.
	7335	Fuel line disconnect tool (3/8") (yellow). Same as Ford 310-D004 (D87L-9280-A). Wt., 2 oz.
	7336	Fuel line disconnect tool (1/2") (green). Same as Ford 310-D005 (D87L-9280-B.) Wt., 2 oz.

	Part No.	Description
	7342	Quick coupler adapter. Wt., 2 oz.
	7370	Fuel line disconnect tool (1/16") (gray). Same as Ford 310-040 (T90T-9550-B). Wt., 1 oz.
	7371	Fuel line disconnect tool (3/8") (blue). Same as Ford 310-041 (T90T-9550-C). Wt., 1 oz.
	7430	Quick-disconnect 90° elbow fitting (7/16-20 internal). Also conversion adapter for Champion & 3M. Wt., 3 oz.
	7433	Fuel return line plug (3/8" external). Wt., 2 oz.
	7439	Pressure gauge (0-100 psi). Has a built-in retard (100-150 psi). Wt., 11 oz.
	7442	Banjo fitting (M10 internal banjo). Wt., 3 oz.
	7443	Banjo fitting (M12 internal banjo). Wt., 3 oz.
	7448	Fuel injector canister-type cleaner. Wt., 6 lbs., 13 oz. See page 67.
	7472	Conversion adapter (M12 x 1.5 internal ball nose snap-on). Wt., 3 oz.
	7597	Conversion Adapter Kit (7430 & 7472 snap-on). Wt., 7 oz.
	7601	Noid Lite (Ford TBI). Wt., 1 oz. See page 73.
	7602	Noid Lite (GM PFI). Wt., 1 oz. See page 73.
	7608	Noid Lite (Geo TBI). Wt., 1 oz. See page 73.
	7628	Special fitting set (5/16"). Wt., 3 oz.
	7629	Special fitting set (3/8"). Wt., 3 oz.
	7631	Fuel return line plug (5/16"). Wt., 2 oz.
	7655	Pinch-off pliers. Wt., 13 oz.
	7660	Fuel line disconnect tool. Same as Ford 310-052 (T93T-9550-AH). Wt., 2 oz.
	7666	Decarbonizing adapter. Wt., 5 oz.
	519154	Ford fuel line coupling tool. Same as 310-052 (T90T-9550-A). Wt., 1 oz. See page 77.
	519155	Chrysler fuel line disconnect Tool. Wt., 10 oz.
	7828	GM SCPI Noid-Lite. Wt., 2 oz. See page 73.
	518501	EFI pressure test adapter (M14 x 1.5 external double banjo). Wt., 3 oz.






FUEL SERVICE TOOLS





Fuel Injection Comparison Chart (Adapters, Fittings, and Accessories)

Part No.	Description
 7896	Fuel line disconnect tool set, 5/16" red and 3/8" blue. (Same as Kent-Moore J-39504.) Wt., 7 oz.
 7902	Chrysler fuel injection fitting. Wt., 13 oz.
 7904A	D-Karbonizer ⁺ intake system cleaning fluid. Case of 12 cans. Wt., 13 lbs., 10 oz. See page 67.
 7915	Fuel injection quick coupler adapter. Wt., 2 oz.
 7923	Ford fuel injection adapter. Wt., 5 oz.
 7951	Ford idle speed control tester. Wt., 9 oz.
 518356	Fuel line adapter (CIS). Wt., 12 oz.
 518472	16 mm x 1.5 Internal o-ring adapter. Wt., 3 oz.
 518473	14 mm x 1.5 External o-ring adapter. Wt., 2 oz.
 518474	14 mm x 1.5 Internal o-ring adapter. Wt., 2 oz.
 518476	Ford hairpin adapter (5/16"). Wt., 5 oz.
 518477	Fuel injection seal kit. Wt., 2 oz.
 518478	Single-end hose adapter (1/4", 5/16", 3/8"). Wt., 12 oz..
 518480	Double-end hose adapter (5/16", 3/8"). Wt., 3 oz.
 518481	16 mm x 1.5 external o-ring. Wt., 2 oz.
 518482	Fuel return line plug (M14 x 1.5 external). Wt., 3 oz.
 518483	3-1/2" Gauge, 0-100 psi, 0-7 BAR. protective boot. Wt., 12 oz.
 518484	M10 x 1.0 internal o-ring adapter. Wt., 10 oz.
 518485	M8 x 1.0 Internal o-ring adapter. Wt., 10 oz.
 518486	M12 x 1.5 Internal swivel adapter. Wt., 1 oz.
 518487	GM TBI fuel pressure adapter. (16 mm x 1.5). Wt., 5 oz.

Part No.	Description
 518488	Quick-disconnect fitting (M8 x 1.0 x 3 3/8" long external o-ring). Wt., 3 oz.
 518489	Quick-disconnect fitting (M10 x 1.0 external o-ring). Wt., 2 oz.
 518490	Quick-disconnect fitting (M6 x 1.0 external o-ring). Wt., 3 oz.
 518491	Quick-disconnect banjo fitting (M8 x 1.0 external). Wt., 3 oz.
 518492	Quick-disconnect banjo fitting (M10 x 1.0 external). Wt., 3 oz.
 518493	Quick-disconnect banjo fitting (M12 x 1.5 external). Wt., 3 oz.
 518494	Quick-disconnect banjo fitting (M12 x 1.25 external). Wt., 3 oz.
 518495	Ford adapter, Schrader, .308 x 3/2 thread (Ford EFI). Wt., 2 oz.
 518496	M16 x 1.5 External & internal swivel adapter. Wt., 2 oz.
 518497	1/4" Pipe External & internal swivel adapter. Wt., 5 oz.
 518498	M14 x 1.5 External & internal swivel adapter. Wt., 2 oz.
 518499	Ford spring lock adapter. 2003 - newer with returnless fuel system. Wt., 7 oz.
 518501	M14 x 1.5 External banjo bolt. Wt., 2 oz.
 518527	3/8" Hairpin adapter. Wt., 5 oz.
 518530	Hose assembly with relief valve. Wt., 1 lb. 2 oz.
 518534	Adapter set (5/8-18 external, 45° inverted flare). Wt., 3.5 oz.
 518535	Adapter set (5/8-18 internal, 45° inverted flare). Wt., 3.5 oz.
 518536	Quick-disconnect fitting (M8 x 1.0 external o-ring). Wt., 2 oz.
 518537	M8 x 1.0 Internal o-ring adapter (long). Wt., 5 oz.
 518542	GMC/Chrysler adapter (7/16 x 20). Wt., 6 oz.
 528177	7/16 x 20 GM/Chrysler elbow adapter. Wt., 4 oz.
 528178	7/16 x 20 GM/Chrysler straight adapter (short). Wt. 4 oz.
 528180	Low-pressure gauge 0-15 psi (0-1 BAR). Wt. 12 oz.
 528182	16 mm x 1.5 elbow GM TBI fitting. Wt. 4 oz.
 528183	3/8 hairpin adapter. Wt. 4 oz.
 528766	M12 x 1.0 Double Banjo Bolt. Wt., 5 oz.
 528767	M8 x 1.0 Double Banjo Bolt. Wt., 2 oz.
 528768	M12 x 1.25 Double Banjo Bolt. Wt., 2 oz.

Fuel Injection Adapters, Fittings, and Accessories

Part No.	Description
 528541	5/8 x 18 flare straight adapter. Wt. 3 oz.
 528769	Banjo fitting (M8 banjo). Wt., 3 oz.
 528770	Quick-disconnect fitting (.430 Ø external) (Mitsubishi/Chrysler). Wt., 3 oz.
 528771	Quick-disconnect fitting (.580 Ø external) (Mitsubishi/Chrysler). Wt., 3 oz.
 528772	Quick-disconnect fitting (5/8" Ø external) (Mitsubishi). Wt., 5 oz.

Part No.	Description
 528773	O-ring and washer set for kit No. 6571. Wt. 1 oz.
 528774	O-ring and washer set for kit No. 6570. Wt. 1 oz.
 528776	Ford EFI Adapter. Wt. 4 oz.
 528779	16 mm x 1.5 Internal union adapter. Wt. 2 oz.

Noid Lite/IAC Test Kits

- Noid Lites are a proven test device to quickly determine if the electrical signal is present at the fuel injector.
- Simplest method for eliminating the EFI system or idle air control as possible faults on no-start vehicles.
- Disconnect the fuel injectors, plug in a Noid Lite, and crank the engine. A flashing noid light indicates normal pulsing voltage.

- Expanded set of eight specific Noid Lites covers: GM PFI, Ford TBI, Geo TBI, Bosch PFI, GM TBI, GM SCPI, Bosch 2, and Multec 2. Also includes two GM IAC testers (flat and square four-connector applications) with red and green LEDs.
- Kits come in molded plastic cases and include a fiber optic Noid Lite extension that allows for convenient remote viewing of noid lite flashing from the driver's seat.

No. 3050C – Noid Lite Test kit. Wt., 1 lb. 1 oz.

Set includes: (available separately)

- No. 7187** – GM TBI Noid Lite. Wt., 2 oz.
- No. 7188** – Bosch PFI Noid Lite. Wt., 2 oz.
- No. 7601** – Ford TBI Noid Lite. Wt., 2 oz.
- No. 6023** – GM Multec 2 Noid Lite. Wt., 2 oz.
- No. 7602** – GM PFI Noid Lite. Wt., 2 oz.
- No. 7608** – Geo TBI Noid Lite. Wt., 2 oz.
- No. 7828** – GM SCPI Noid Lite. Wt., 2 oz.
- No. 6266** – Bosch 2 Noid Lite. Wt., 2 oz.
- No. 6260** – Fiber optic Noid Lite extension. Wt., 5 oz.



Typical Noid Lite

3050C

No. 3054C – Noid Lite/IAC test kit. Wt., 1 lb. 3 oz.

Set includes: (available separately)

- No. 7187** – GM TBI Noid Lite. Wt., 2 oz.
- No. 7188** – Bosch PFI Noid Lite. Wt., 2 oz.
- No. 7601** – Ford TBI Noid Lite. Wt., 2 oz.
- No. 6023** – GM Multec 2 Noid Lite. Wt., 2 oz.
- No. 7602** – GM PFI Noid Lite. Wt., 2 oz.
- No. 7608** – Geo TBI Noid Lite. Wt., 2 oz.
- No. 7828** – GM SCPI Noid Lite. Wt., 2 oz.
- No. 6266** – Bosch 2 Noid Lite. Wt., 2 oz.
- No. 6260** – Fiber optic Noid Lite extension. Wt., 5 oz.
- No. 3052S** – '82 and newer GM TBI/PFI IAC tester with square 4-pin connector. Wt., 2 oz.
- No. 3053S** – '87 and newer Model 700 TBI/PFI with flat 4-pin connector. Wt., 2 oz.



3054C

FUEL SERVICE TOOLS

Fuel Service Tools



Similar to Kent-Moore J-34730-225

3397

Fuel Injector Tester

Fuel injectors can pass a resistance test but still fail under load. With this tool, you can check and balance fuel injectors. Also tests fuel injector coil windings under load, and detects intermittent fuel injector coil faults. Adjustable current output. Works on both throttle body and multiport fuel injectors. TBI adapter included.

No. 3397 – Fuel injector tester. Wt., 3 lbs., 5 oz.



3398

Fuel Injection Pulse Tester

Fuel injector testing requires precision equipment. This vehicle-powered tool fills that requirement. It enables you to check cylinder balance by firing individual injectors at 1/2-second increments in three different ranges: 1 pulse of 500 milliseconds, 50 pulses of 10 milliseconds, 100 pulses of 5 milliseconds.

- Power and output lights indicate test activation.
- Includes wiring harness adapter and instructions.

No. 3398 – Fuel injection pulse tester. Wt., 8 oz.

No. 306677 – Replacement lead. Wt., 2 oz.



3052S

3053S

General Motors IAC Signal Test Lights

For checking the electronic control module signal that provides direction to the idle air control motor on General Motors vehicles with throttle body or port fuel injection systems.

No. 3051 – Set consists of Nos. 3052S and 3053S. Wt., 4 oz.

No. 3052S – Signal test light for 1982 and newer GM TBI and PFI fuel injection systems with a square 4-pin connector. Wt., 2 oz.

No. 3053S – Signal test light for 1987 and newer GM Model 700 TBI and PFI fuel injection systems with a flat 4-pin connector. Wt., 2 oz.



6260

Fiber Optic Noid Lite Extension Cable

- Four-foot length permits easy viewing of Noid Lite signal. Used with OTC's Nos. 7187, 7188, 7601, 7602, 7608, 7828, 6023, and 6266, as well as other brands of Noid Lites.
- Noid Lite is inserted into cup end of extension cable, then plugged into vehicle's wiring harness. Fiber optic cable is routed out of engine compartment with end placed where it can be observed. Engine is cranked, and flashing at end of extension indicates normal injector pulsing voltage.
- Suction cup at end of extension cable permits secure placement on hood, fender, windshield, etc., without damage to surface.

No. 6260 – Fiber optic Noid Lite extension cable. Wt., 5 oz.

Full-Coverage Disconnect Tool Set

If you're working on Chrysler, Ford, or General Motors vehicles, this set will make your job easier. The tools are designed for heater hoses, transmission oil coolers, air conditioning and fuel lines. They're approved by vehicle manufacturers and will not damage the fittings being disconnected. Tool Nos. 518092, 518896, 518897, 518898, 518899, 518900, and 518901 are spring-loaded in the closed position to deflect any spray that occurs when lines are disconnected.

- Comes in blow-molded case.

No. 6508 – Disconnect tool set. Wt., 4 lbs., 8 oz.



6508

Contents of set:

	Tool	Description
	440384	GM hydraulic clutch line disconnect tool.
	440486	GM transmission oil cooler line.
	511410	Fuel line disconnect tool.
	511413	Fuel line disconnect tool.
	518902	Heater hose disconnect tool.
	519158	Fuel line disconnect tool set.
	518582	Fuel line disconnect tool.
	518583	Fuel line disconnect tool.
	518584	Fuel line disconnect tool.
	518896	Fuel line disconnect tool. (Yellow, 3/8")
	518897	A/C spring lock coupling tool. (Black, 5/8")
	518898	A/C spring lock coupling tool. (Blue, 1/2")
	518899	Fuel line disconnect tool. (Green, 1/2")
	518900	A/C spring lock coupling tool. (Red, 3/8")

	Tool	Description
	518901	A/C spring lock coupling tool. (White, 3/4")
	519067	Fuel line disconnect tool.
	519068	Fuel line disconnect tool.
	519151	Quick disconnect tool.
	519152	Oil cooler line disconnect tool.
	519153	Clutch coupling tool.
	519154	Fuel line coupling tool.
	519155	Chrysler fuel line disconnect tool.
	519156	Ford heater hose disconnect tool.
	519157	GM heater line quick connect separator.
	519159	Oil cooler line disconnect tool.

FUEL SERVICE TOOLS

Fuel Service Tools



6517

Disconnect Tool Set

Designed for A/C lines, fuel lines, and transmission cooler lines.

- Contains 3/8", 1/2", 5/8", and 3/4" spring lock disconnect tools for A/C lines on 1981 thru 2006 Ford cars and trucks, 1994 thru 2006 Chrysler and Jeep vehicles.
- Contains the 3/8" and 1/2" fuel line disconnect tool for Ford vehicles.
- Contains the 5/16" and 3/8" fuel line disconnect tools for GM and Chrysler vehicles.
- Contains the transmission oil cooler line disconnect tool used on many GM and Ford vehicles.

No. 6517 – Disconnect tool set. Wt. 7 oz.



6603

Similar to Kent-Moore
No. J-46363.

GM Fuel Line Disconnect Tool

Applications: 2002–newer Tahoe and light-duty trucks with the 5.3L V8 engine.

- This is a required tool to remove the fuel line from the fuel filter.

No. 6603 – GM fuel line disconnect tool. Wt. 1 oz.



7337

Ford Fuel Line Disconnect Tool Set

These tools will easily disconnect the spring lock couplings of fuel lines on Ford's throttle body and port fuel injection systems. The tools are spring-loaded and durable, and they enclose the line to help deflect spray.

- Tools fit 3/8" and 1/2" lines.

No. 7337 – Ford fuel line disconnect tool set. Includes 7335 (3/8" yellow) and 7336 (1/2" green) disconnect tools. Wt., 4 oz.



7361

Similar to Ford
No. 310-5039
(T90T-9550-S)

Fuel Line Disconnect Tool Set

These two disconnect tools are designed to fit quick-connect fuel line fasteners. They'll work on Chrysler, Ford, or GM vehicles, and separate fuel lines without damaging the connectors.

- Tools fit 5/16" and 3/8" lines.

No. 7361 – Fuel line disconnect tool set. Includes 7370 (5/16" gray) and 7371 (3/8" blue) disconnect tools. Wt., 1 oz.



6509



6511

Fuel Line Disconnect Tools

• Special low-profile design works in close quarters on GM, Ford, and Chrysler vehicles where there is limited clearance between the fuel line fittings and fuel filters, fuel rails, or sending units. Both tools are designed to access the center port on the GM fuel tank sending unit.

No. 6509 – For 3/8" & 5/16" applications. Will also service 1999–current GM pickups, and 2000–current Suburban, Tahoe, and Yukon gasoline vehicles. Wt., 3 oz.

No. 6511 – For 3/8" and 1/2" applications. Will also service 2001–current 3/4- & 1-ton trucks with the Duramax diesel engines. Wt., 3 oz.

Fuel and Air Conditioning Line Release Tool

- This spring-lock coupling release tool easily separates fittings on fuel and air conditioning lines.
- Tool sizes are 3/4", 5/8", 1/2", and 3/8".

No. 4494 – Fuel and air conditioning line release tool. Wt., 5 oz.

4494



OTC Stinger

Ford Fuel Line Disconnect Tool Set

Here's the best tool for easy, frustration-free fuel line separation. As you put the tool on the fuel line coupling, its fingers depress the retaining collar to release the fuel line, preventing component damage.

- Works on 1990 to 1995 Ford Ranger and Explorer models fitted with 4.0L, 6-cylinder engines.

No. 519154 – Ford fuel line coupling tool. Wt., 2 oz.

519154

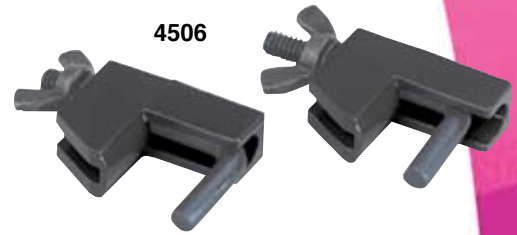


Rubber Line Clamp Set

- Set of two clamps. Used to quickly shut off flow from vacuum, brake, and fuel lines.
- Enables you to clamp and hold hose without damage.

No. 4506 – Rubber line clamp set. Wt., 6 oz.

4506



7-Piece Sensor Socket Set

Includes:

- No. 4673-1** – 29 mm pressure / vacuum switch socket.
- No. 4673-2** – 7/8" vacuum switch socket.
- No. 4673-3** – 27 mm oil pressure sending unit socket.
- No. 4673-4** – 7/8" vacuum switch socket.
- No. 4673-5** – 1-1/16" & 1" oil pressure sending unit socket.
- No. 4673-6** – 22 mm heated oxygen sensor wrench.
- No. 4673-7** – 7/8" short oxygen sensor socket.

No. 4673 – 7-Piece sensor socket set. Wt. 4 lbs. 10 oz.

4673



Oxygen Sensor Socket

- Designed to easily remove an oxygen sensor.
- Heat-treated cast steel.
- 7/8" hex, 1/2" square drive (double square for easy access).

No. 7189 – Oxygen sensor socket. Wt., 8 oz.

Similar to Ford
No. T79P-9472-A

7189



Oxygen Sensor Socket

- Works on all domestic and imported vehicles with oxygen sensors.
- Slot in socket's side allows wire clearance.
- Outside rib provides added strength, yet does not restrict access to sensors.
- 1/2" square drive, 1" male hex drive on top, 7/8" six-point opening, 3-7/8" long

No. 6931 – Oxygen sensor wrench. Wt., 1 lb.

6931



FUEL SERVICE TOOLS

Fuel Service Tools



7215

Exhaust Back Pressure Gauge

Now you can quickly read back pressure to determine the amount of restriction in an exhaust system. This gauge accurately measures through the oxygen sensor hole. Its large dial clearly shows pressure from 0–8 psi. The system has a stainless steel braided tube to withstand high-heat conditions.

- Includes a universal adapter for vehicles with thermactor systems.
- Works on domestic and imported vehicles.

No. 7215 – Exhaust back pressure gauge with universal adapter. Wt., 1 lb., 3 oz.



7416

Fuel Emission Flow Meter

- Enables precise adjustment of engine idle mixtures.
- Works with OTC No. 7148 propane enrichment kit to monitor the propane going into the engine.
- Works on domestic or imported vehicles that have carburetors.

No. 7416 – Fuel emission flow meter. Wt., 6 oz.



Similar to Ford
No. 310-003
(T75L-9600-A)

7148

Propane Enrichment Kit

- Ensures a correct idle mixture and compliance with emission standards.
- Works on domestic or imported vehicles that have carburetors.
- Uses standard 14-oz. propane cartridge.

No. 7148 – Propane enrichment kit. Wt., 14 oz.



Similar to Miller
No. 6856

7998

Chrysler Fuel Pump Module Spanner Wrench

Removes and installs the fuel pump retaining ring that holds the fuel pump module onto the gas tank. Works on most 1994–2005 Chrysler vehicles, and 1995–2004 Jeep vehicles.

No. 7998 – Chrysler fuel pump module spanner wrench. Wt., 1 lb., 5 oz.



6599

Fuel Tank Lock Ring Wrench

Universal design allows tool to fit fuel tank lock rings on Ford, Chrysler, and GM vehicles with gas engines.

- Works on: 2004–newer Ford F-150 trucks; 2004–newer Chrysler / Dodge minivans, PT Cruiser, Dakota, and Durango; 2004–newer Chevy 1/2-ton and 3/4-ton trucks; and 2005–newer Jeep vehicles.
- Tool easily removes and installs lock ring on the fuel tank when servicing the fuel pump or fuel sending unit.
- Used with a 1/2" drive ratchet or breaker bar.

No. 6599 – Fuel tank lock ring wrench. Wt. 1 lb. 8 oz.



6598

Mercedes-Benz Fuel Tank Service Tool Kit

- Tool kit designed to remove fuel tank lids and plastic fuel tank cups to allow service on the fuel pump and/or the fuel sending unit.
- Works on Mercedes-Benz models W202 and W210.

No. 6598 – Mercedes-Benz Fuel Tank Service Tool Kit. Wt. 4 lb. 2 oz.