

GAS/PETROL_fuel injection pressure testing

GM TBI THRU FILTER ADAPTER SET-WITH MANIFOLD

Part No. TU-26

- This set has adapters (including manifold) for testing fuel pressure at the filter on GM TBI fuel systems
- Adapter is screwed onto manifold and then connects to fuel lines in place of fuel filter
- Can be used with all fuel injection testers and cleaners with a standard Schrader adapter



FUEL INJECTION PRESSURE TESTER_ EXCEPT BOSCH CSI AND GM TBI

Part No. TU-113

- Basic fuel injection tester includes large and small Schrader adapters, M6-1.00 o-ring adapter, and tee manifold
- Includes everything needed to test the following systems: American Motors; Bosch AFC, MPC European and Japanese (except CIS- use TU-447); Chrysler Corporation; Ford Motor Company; GM (except TBI- use TU-446); Japanese fuel injection systems and other Bendix-type fuel injection systems; or a Schrader-type valve, including the small Schrader found on TBI and multi-port systems on Ford
- 2-1/2" gauge has dual scale dial with ranges from 0-100 PSI and 0-7 bar



DELUXE FUEL INJECTION PRESSURE TEST SET

Part No. TU-443

- 3-1/2" gauge has a dual scale dial with ranges from 0-100 PSI and 0-7 bar
- 6-ft. of tubing and relief valve to relieve pressure
- 4-ft. gauge & hose assembly with hook can be hung up to free Tech's hands
- The many adapters, hoses, and fittings cover most fuel injection systems worldwide (including CSI and TBI)
- Quick coupler connection at end of gauge hose
- Adapter guidebook included



BASIC FUEL INJECTION PRESSURE TESTER- FOR GM TBI SYSTEMS

Part No. TU-446

- Test cars with single and dual injectors
- This tester is for GM TBI systems only (for all other TBI, use TU-448)
- 2-1/2" gauge has dual scale dial with ranges from 0-60 PSI and 0-4 bar
- Hook on gauge enables Tech to hang gauge and hose assembly to free his hands
- Includes 16" gauge hose with quick coupler, adapters, and quick disconnect hose assembly for fast and efficient service

BASIC FUEL INJECTION PRESSURE TESTER- FOR GM TBI SYSTEMS

Part No. TU-446 (continued)

- Adapter guidebook included



BASIC FUEL INJECTION TESTER- FOR BOSCH CIS

Part No. TU-447

- This in-line tester enables the Technician to find bad fuel pumps, bad pressure regulators, leaking injectors, and clogged fuel filters
- 2-1/2" gauge has dual scale dial with ranges from 0-100 PSI and 0-7 bar
- Hook on gauge enables Technician to hang gauge and hose assembly to free his hands
- Includes: banjo bolt fittings, 16" gauge hose, and quick disconnect CIS hose assembly for fast and accurate servicing
- Adapter guidebook included



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BASIC FUEL INJECTION PRESSURE TESTER- EXCEPT BOSCH CIS AND GM TBI

Part No. TU-448

- This set includes everything to test the following:

- Bosch AFC, MPC, Digijet / Digifant - except CIS
- Chrysler Corporation
- Ford Motor Company
- General Motors - except TBI
- Japanese Fuel Injection Systems
- Others using Bendix-type fuel injection or Schrader-type valve, including the small Schrader valve found on Ford products
- 2-1/2" gauge has a dual scale dial with ranges from 0-100 PSI and 0-7 bar
- Quick coupler connection at end of gauge hose
- Hook on gauge enables Technician to hang up gauge and hose assembly to free his hands
- Has a multitude of adapters, banjo bolts, and 16" gauge hose assembly
- Adapter guidebook included



FUEL INJECTION TESTER

Part No. TU-457

- For GM domestic vehicles with large Schrader, including light trucks, vans, and SUVs with multi-port
- 2-1/2" gauge has dual scale dial with ranges from 0-100 PSI and 0-7 bar
- Hook on gauge enables Technician to hang gauge and hose assembly to free his hands



FUEL INJECTION PRESSURE TESTER- WITH SCHRADERS

Part No. TU-469

- Enables testing on most major model vehicle platforms with standard or small Schrader valves
- 3-1/2" gauge has dual scale dial with ranges from 0-100 PSI and 0-7 bar
- Hook on gauge enables Tech to hang gauge and hose assembly to free his hands
- Quick coupler connection at end of gauge hose
- Adapter guidebook included



FUEL INJECTION CANISTER CLEANER- 2 GAUGES

Part No. TU-470A

- Portable size and adaptability
- Two gauges enable a Technician to check the vehicle fuel pressure with the bottom gauge, and easily set cleaning pressure with the top gauge
- Both gauges are 2-1/4" and have dual scale dials with ranges from 0-100 PSI and 0-7 bar
- Restores the original spray pattern more effectively, giving improved performance, fuel economy, and emission tests
- Cleans carbon from intake valves, fuel passages, and cylinders with a professional carbon cleaning solution
- Uses shop air with most professional canister cleaning solutions on the market (sample-capacity holds 20 oz)
- Use with TU-443 or TU-540 fuel injection pressure test sets that include adapters to cover most major model vehicle platforms
- Canister cleaner may also be used with other **Star Products'** fuel injection pressure testers that use the quick coupler system
- Stainless steel braided teflon hose resists solvents
- *Adapters available separately (see pages 55-57)*



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FUEL INJECTION CANISTER CLEANER- 1 GAUGE

Part No. TU-471A

- Shares same features as **Star Products'** TU-470A (page 52) with the exception to the second gauge
- Consists of one gauge for reading both vehicle pressure and cleaning pressure
- 2-1/4" gauge has dual scale dial with ranges from 0-100 PSI and 0-7 bar



FUEL INJECTION PRESSURE TESTER AND CANISTER CLEANER COMBO

Part No. TU-480A

- This combo set of TU-443 (page 51) and TU-470A (page 52) allows cleaning and pressure testing of most fuel injection systems worldwide
- Two gauges enable a Technician to check the vehicle fuel pressure with the bottom gauge, and easily set cleaning pressure with the top gauge
- Will restore original spray pattern, giving improved performance, fuel economy and emission tests
- Also cleans carbon from intake valves, fuel passages and cylinders with a professional carbon cleaning solution
- Adapter guidebook included



FUEL INJECTION PRESSURE TESTER AND CLEANER SET

Part No. TU-485A

- Includes 2-gauge fuel injection canister cleaner, part no. TU-470A (page 52)
- Contains right angle adapters for Ford, GM, etc; deadhead pressure check adapter; and quick connects for Chrysler, GM, etc
- Also included are: both Schrader adapters (standard and small), Ford adapters, banjo adapters (for major model imports), **Star's** versatile manifold, and a repair parts kit



MASTER FUEL INJECTION PRESSURE TEST KIT

Part No. TU-540

- Covers all major domestic platforms and most foreign applications 1988 to present (does not include CIS/TBI)
- Test gauge assembly disconnects from the test hose and valve assembly for easier storage and improved gauge protection
- Neoprene boot for ultimate protection of test gauge and vehicle finish
- Redesigned **Star Products'** fuel line tee (part no. 71317) can accommodate 3/8" hose sizes in addition to the 1/4" and 5/16" previously accommodated hose sizes (see pages 55-56)
- Unlike competing test kits, this kit contains the 16mm o-ring adapter and bolts (used on popular Hyundai and Mitsubishi models)
- Adapters are marked for easy cross-reference to the adapter guidebook



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MASTER GLOBAL FUEL INJECTION PRESSURE TEST KIT

Part No. TU-550

- Covers all major model vehicle platforms, domestic and foreign, 1988 to present (does not include CIS/TBI)
- Test gauge assembly disconnects from test hose and valve assembly for easier storage and improved gauge protection
- The redesigned **Star Products'** fuel line tee (part no. 71317) can accommodate 3/8" hose sizes in addition to the 1/4" and 5/16" previously accommodated hose sizes (see pages 55-56)
- Contains longer tee adapter cut test hoses for easier connections
- Unlike competing test kits, this kit contains:
 - 16mm o-ring adapter and bolts (used on popular Hyundai and Mitsubishi)
 - 11mm o-ring adapter and bolts (used on popular Nissan and Infiniti)
 - M12 x 1.00 Honda pulse damper adapter (used on popular Accord, Civic, and S2000 models)
- Neoprene boot for ultimate protection of test gauge and vehicle finish
- Neatly organized blow-molded case with marked adapters for easy cross-reference to the adapter guidebook
- Case contains a hinged lid compartment to easily store hose assemblies



6-FOOT ROAD TESTER HOSE

Part No. 74476

- 6 ft. extension hose works with any **Star Products'** fuel injection testers with quick connects



FUEL INJECTION PRESSURE TESTER UPDATE KITS

Fuel Injection Update Kit I

Part No. 74489

- Consists of: Right angle adapters for Ford, GM, etc; deadhead pressure check adapter; and quick connects for Chrysler, GM, etc



Fuel Injection Update Kit II

Part No. TU-443-2

- Updates **Star Products'** TU-443 enabling fuel injection pressure tests on all major vehicle platforms on the market through 2005, domestic and foreign



Fuel Injection Update Kit III

Part No. TU-443-3

- Updates **Star Products'** TU-443U enabling fuel injection pressure tests on all major vehicle platforms on the market through 2005, domestic and foreign



Fuel Injection Expansion Kit for TU-540

Part No. TU-540-1

- Expands **Star Products'** TU-540, enabling fuel injection pressure tests on all major domestic and foreign vehicle platforms to present



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FUEL INJECTION PRESSURE TESTER UPDATE KITS

CIS/TBI Adapter Kit
Part No. TU-540-2

- Adapters to test CIS/TBI applications
- Works in conjunction with **Star Products'** TU-550 to cover fuel injection pressure testing on all major vehicle platforms on the market through 2005, domestic and foreign


















GAS/PETROL_fuel injection adapters and replacement parts

34021 	71301 	71315 	71404 	74425 
35031 	71302 	71316 	71405 	74426 
36032 	71303 	71317 	71406 	74431 
41576 	71304 	71318 	71408 	74432 
60236 	71305 	71319 	72305 	74433 
60238 	71306 	71321 	72306 	74434 
60239 	71308 	71328 	72308 	74435 
60410 	71313 	71329 	72309 	74438 
60440 	71314 	71330 	74424 	74440 

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GAS/PETROL_fuel injection adapters and replacement parts

74442 	74471 	74492 	74852 	60772  New!
74446 	74484 	74493 	74853 	74454 
74459 	74485 	74851 	41327  New!	74469  New!

FUEL INJECTION COMPONENTS_DESCRIPTIONS

Part No.	Description	Part No.	Description
34021	1/4" ID x 2" fuel hose	71317	Manifold with quick coupler plug for 5/16" and 1/4" ID hose
35031	5/16" ID x 3" fuel hose	71318	Standard Schrader hose assembly with quick coupler plug
36032	3/8" ID x 3" fuel hose	71319	Small Schrader hose assembly with quick coupler plug
41327	Female quick coupler plug, conversion adapter for OTC	71321	16mm o-ring adapter for popular Hyundai and Mitsubishi
41576	Bent tube with 3/8" inverted flare nut	71327	Kit contains: 34021, 35031, 71317, 71328, 74431, 74432, 74433, 74434, and 74435
60236	M16-1.50 female by 3/8" tube end	71328	1/4" Hose barb with quick coupler plug
60238	M14-1.50 female by 3/8" tube end	71329	Hose assembly (Audi, VW, Volvo)
60239	Union 3/8" inverted flare by M16-1.50	71330	Hose assembly (Toyota, Geo)
60410	M8-1.00 female by M12-1.50 male	71404	Adapter M8-1.00 male by M12-1.50 male with o-ring
60440	M10-1.00 female by M12-1.50 male	71405	Adapter M10-1.00 male by M12-1.50 male with o-ring
60772	Male quick coupler plug, conversion adapter for OTC	71406	Adapter M8-1.00 male by M12-1.50 male with o-ring (3" overall)
71301	Standard Schrader hose assembly from TU-113	71408	Connecting hose and valve assembly for Bosch CIS
71302	Small parts kit from TU-113	71409	CIS and banjo bolt adapter set consists of: 60410, 60440, 71404, 71405, 71406, 74432, 74433, 74435
71303	Small Schrader hose assembly from TU-113	72305	Bent tubing with 3/8" inverted flare nut by M16-1.50 nut, 3/8" o-ring flare
71304	M6-1.00 (Honda) hose assembly from TU-113	72306	Adapter M16-1.50 thread with 3/8" o-ring flare by 3/8" tube fitting
71305	Volvo adapter, 14mm LH Jetronic	72308	Connecting hose for GM TBI 3/8" inverted flare ends with quick coupler plug
71306	11mm o-ring adapter for popular Nissan and Infiniti	72309	Adapter M14-1.50 thread with 3/8" o-ring flare by 3/8" tube fitting
71308	Adapter for Geo Storm and Isuzu I-Tec systems, M14-1.50 3/8" inverted flare male and female connections		
71313	Ford EFI spring lock adapter with quick coupler plug		
71314	Ford CFI adapter, 5/16" quick disconnects		
71315	Ford EFI spring lock adapter with small Schrader test port for TU-113		
71316	Ford CFI adapter, 5/16" quick disconnects with small Schrader test port for TU-113		

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