



## ATD-5608

### Quick Change Automatic Transmission & Engine Oil Pressure Tester Owner's Manual



#### Features:

- 3-1/2" gauge has dual scale with ranges from 0-400 psi and 0-28 BAR
- Quick coupler connection on gauge assembly for fast, easy changing of gauge to the hose assembly
- 2-1/2" gauge has dual scale dial with ranges from 0-100 psi and 0-7 BAR; hook on gauge allows technician to hang gauge and hose assembly out of harms way
- 6 ft. hose for easy gauge viewing & the ability to test the vehicle from the driver's seat
- Custom blow molded case for convenient storage
- Set of 21 adapters included:
  - (11) aluminum metric
  - (7) brass NPT
  - (3) steel fractional



**WARNING:** This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. *Wash hands after handling.*

## WARNING



### Flying particles can cause eye injury

- Wear safety goggles.
- Be sure all connections are secure.
- Do not use gauge while engine is running.

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### Burn Risk

- Do not touch engine components that are hot.



### Moving parts can cause injury

- Keep yourself, clothing and test equipment



### Clear plastic lens on gauge can break

- Do not drop or hit gauge face.
- Do not use gauge if clear plastic lens is cracked or broken.

## INSTRUCTIONS FOR AUTOMATIC TRANSMISSION AND ENGINE OIL PRESSURE TESTER

**NOTES:** The instructions for testing automatic transmissions are so lengthy that it is impossible to give them here. Consult your Factory, Chilton, Mitchell, or Motor manual for instructions and specifications.

To find the appropriate adapter for the application, it is recommended that you remove the test port plug/pressure switch and match the thread with the proper adapter.

### TO TEST ENGINE OIL PRESSURE:

1. Remove low oil pressure switch.
2. Attach tester, using appropriate adapter(s) for the engine.
3. Start engine.
4. Read pressure on gauge.
5. Check specifications in your Factory, Chilton, Mitchell or Motor manual to see if car is within normal range.
6. Remove tester with engine off.
7. Replace low oil pressure switch.

### ADAPTERS / REPLACEMENT PARTS

<b>Brass</b>	US pipe threads– 1/16", 1/8", 1/4", 3/8" NPT
<b>Steel</b>	Fractional size on male threads 1/8"–27 NPT on female threads
<b>Aluminum</b>	Metric size on male threads 1/8"–28 BSPT male adapter 1/8"–27 NPT on female threads

**Adapters included in:**✓ *Standard set*X *Quick change set*▼ *Deluxe set*

- ✓ 23002 2-1/2" gauge, 0-300 PSI  
and 0-21 bar
- ▼ 24008 3-1/2" gauge, 0-400 PSI  
and 0-28 kg/cm<sup>2</sup>
- X 70406 3-1/2" gauge with quick coupler  
0-400 PSI, and 0-28 kg/cm<sup>2</sup>
- X 70407 2-1/2" gauge with quick coupler  
and hang hook, 0-100 PSI and  
0-7 bar
- ✓ 70400 6-ft. hose assembly for standard
- ▼ 70401 6-ft. hose assembly for deluxe
- X 70405 6-ft. hose assembly with quick  
connect for quick change

**Brass Adapters**

- ✓▼X 10401 1/8" male NPT, pipe nipple
- ✓▼X 10402 1/8" female NPT, coupling
- ✓▼X 10403 1/8" male x 1/8" female,  
street elbow
- ✓▼X 10404 1/8" male x 1/4" male, hex nipple
- ✓▼X 11041 1/4" male x 1/8" female NPT,  
hex bushing

- ✓▼X 11042 3/8" male x 1/8" female NPT,  
hex bushing
- X 60409 1/16"-27 male NPT adapter

**Aluminum Adapters**

- ✓▼X 60406 male M8-1.00 taper
- ✓▼X 60407 male R1/8"-28 BSBT taper
- ✓▼X 60408 male M10-1.00 taper
- X 70412 M12-1.50
- X 70414 M14-1.50
- X 70418 M18-1.50
- X 70422 M8-1.00
- X 70423 M8-1.25
- X 70424 M10-1.00
- X 70425 M10-1.25
- X 70426 M16-1.50

**Steel Adapters**

- X 70411 5/16"-24
- X 70427 7/16"-20
- X 70429 M16 x 2.0

**See your local tool dealer for adapters not included in your set.**



- 70430 Bag of all adapters  
70440 Bag of added adapters ("A" version)  
70415 Ecotec engine M12 x 1.75 adapter (not included)

Part Number	Description
70405	HOSE ASSEMBLY
70406	GAUGE ASSEMBLY
24008	3" G GAUGE 400 PSI
41314	QUICK COUPLER PLUG 1/4FNPT
70407	GAUGE ASSEMBLY 2.5" 100PSI W/QUICK COUPLER
41457	LENS
21002	12.5 GAUGE 100PSI W/HOOK DUAL SCALE ... PSI AND BAR 1/8" MNPT
41315	QUICK COUPLER PLUG 1/8FNPT
41458	LENS
10401	PIPE NIPPLE 2" LONG 1/8 MNPT
10402	COUPLING 1/8 FNPT
10403	STREET ELBOW 1/8MX1/8F
70428	1/2" X 13
60408	TRANSAXLE FITTING MALE M8X1.0 TAPER, FEMALE 1/8-27 NPT
70418	M18X1.5 METRIC ADAPTER

Part Number	Description
70430	ALL CURRENT ADAPTERS FOR TU-16A KIT
10404	HEX NIPPLE 1/8MX1/4M
11041	HEX BUSHING 1/8MX1/8F NPT
11042	HEX BUSHING 3/8MX1/8F NPT
60407	JAPANESE TRANSAXL FITTING MALE R1/8-28 BSPT TAPER, FEMALE 1/8-27 NPT, 110
60408	EUROPEAN TRANSAXL FITTING MALE M10X1.0 TAPER, FEMALE 1/8-27 NPT
60409	1/16-27 MNPT ADAPTER OTHER END 1/8-27 FNPT
70411	5/16-24 ADAPTER ASSEMBLY
70422	M8 X 1.0 ADAPTER ASSY
70423	M8 X 1.25 ADAPTER ASSY
70426	M16 X 1.5 ADAPTER ASSY
70427	7/16 X 20 ADAPTER ASSY
43181	O-RING M18 549 ID X .103
43162	O RING 1/2 (487) I.D. X 1/16 OD
41305	QUICK COUPLER 1/4" MNPT

Part Number	Description
70440-3420	UPDATE KIT 70440 - FOR SOMEONE WITH THE TU-16 AND WANTS TO UPGRADE
60409	1/16-27 MNPT ADAPTER 1/8-27 FNPT
70411	5/16-24 ADAPTER ASSEMBLY
70412	M12X1.5 METRIC ADAPTER
70414	M14X1.5 METRIC ADAPTER
70415	M12 X 1.75 ADAPTER ASSY
70418	M18X1.5 METRIC ADAPTER
70422	M8 X 1.0 ADAPTER ASSY
70423	M8 X 1.25 ADAPTER ASSY
70425	M10 X 1.0 ADAPTER ASSY
70426	M16 X 1.5 ADAPTER ASSY
70427	7/16 X 20 ADAPTER ASSY
70429	M16 X 2.0 ADAPTER ASSY
70427	7/16 X 20 ADAPTER ASSY
70429	M16 X 2.0 ADAPTER ASSY