

COMPRESSION TESTING

DIESEL COMPRESSION SET CHART

Part #	Description	TU-15	TU-15-51	TU-15-52B	TU-15-53	TU-15-70	TU-15-71
TU-15	Gauge, hose, quick connect	•	•	•	•	•	
52110	Case	•					
52102	Case		•	•	•		
52011	Case					•	•
56244	Adapter Chart		•	•	•	•	•
42553	Instructions		•	•	•	•	•
TU-15-1A	Glow Plug		•		•		
TU-15-2A	Glow Plug		•		•		
TU-15-3A	Glow Plug		•	•	•		
TU-15-4A	Injector		•	•	•	•	•
TU-15-5	Glow Plug		•	•	•		
TU-15-6	Glow Plug		•	•	•		
TU-15-8	Injector					•	•
TU-15-9	Injector					•	•
TU-15-11A	Injector					•	•
TU-15-12A	Injector					•	•
TU-15-13A	Motometer			•			
TU-15-14	Glow Plug		•	•	•	•	•
TU-15-17	Injector				•	•	•
TU-15-18A	Injector					•	•
TU-15-19	Injector					•	•
TU-15-20	Injector					•	•
TU-15-21	Injector					•	•
TU-15-22A	Glow Plug				•		
TU-15-23	Glow Plug			•		•	•
TU-15-28	Extension					•	•
TU-15-29	Extension					•	•

TU-15-1A M10 x 1.00 GLOW PLUG **TU-15-2A** M10 x 1.00 GLOW PLUG **TU-15-3A** M10 x 1.25 GLOW PLUG **TU-15-4A** M24 x 2.00 INJECTOR



COMPRESSION TESTING

DIESEL COMPRESSION TEST ADAPTERS

<p>TU-15-5 M12 x 1.25, M18 x 1.50 GLOW PLUG</p> 	<p>TU-15-6 M12 x 1.25, M18 x 1.50 GLOW PLUG</p> 	<p>TU-15-8 7/8" INJECTOR</p> 	<p>TU-15-9 1" INJECTOR</p> 
<p>TU-15-11A M21 INJECTOR</p> 	<p>TU-15-12A M24 INJECTOR DETROIT DIESEL</p> 	<p>TU-15-13A MOTOMETER</p> 	<p>TU-15-14 M10 x 1.25 GLOW PLUG</p> 
<p>TU-15-15 SNAP-ON/OTC</p> 	<p>TU-15-17 M24 x 1.50 INJECTOR</p> 	<p>TU-15-18A M17 INJECTOR</p> 	<p>TU-15-19 M17 INJECTOR</p> 
<p>TU-15-20 3/8" INJECTOR</p> 	<p>TU-15-21 9/16" INJECTOR</p> 	<p>TU-15-22A M10 x 1.00 GLOW PLUG - FORD/NAVISTAR</p> 	<p>TU-15-23 M12 x 1.25 GLOW PLUG</p> 
<p>TU-15-24 M14 x 1.25 GLOW PLUG</p> 	<p>TU-15-25 INTERNATIONAL DT466, DT530</p> 	<p>TU-15-26 CUMMINS ISB</p> 	<p>TU-15-27 CUMMINS ISC</p> 
<p>TU-15-28 CUMMINS NCT/NTS</p> 	<p>TU-15-29 CUMMINS N14</p> 	<p>TU-15-30 TESTER 7" EXTENSION</p> 	<p>TU-15-31 TEST 90 DEGREE ADAPTER</p> 

COMPRESSION TESTING

DIESEL COMPRESSION TEST ADAPTERS

TU-15-32
45 DEGREE
ADAPTER



TU-15-36
MACK E6 & E7



TU-15-40
PERKINS 4.108
ENGINES



TU-15-44
CATERPILLAR 3126B
AND 3126E



TU-15-48
CATERPILLAR



TU-15-77
CATERPILLAR
3500 SERIES



TU-15-81
CATERPILLAR
C7 & C9



TU-15-33
DETROIT DIESEL
50 & 60



TU-15-37
MBE-900 AND
MBE-4000



TU-15-41
PERKINS AND
CATERPILLAR



TU-15-45
CATERPILLAR 3176



TU-15-49
CATERPILLAR 3406E



TU-15-78
CUMMINS ISX



TU-15-34
M20 x 1.50



TU-15-38
6.6L DURAMAX
M10 x 1.25



TU-15-42
CATERPILLAR 3116



TU-15-46
CATERPILLAR 3196



TU-15-75
CUMMINS ISB



TU-15-79
INTERNATIONAL
MAXXFORCE



TU-15-35
M8 x 1.00



TU-15-39
M22 x 1.50
MERCEDES BENZ



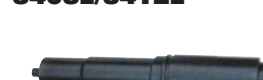
TU-15-43
CATERPILLAR 3126
AND 3126B



TU-15-47
CATERPILLAR 3304



TU-15-76
CATERPILLAR
3408E/3412E



TU-15-80
GLOW PLUG FORD
6.7L M8 x 1.00



COMPRESSION TESTING

APPLICATION CHART FOR DIESEL COMPRESSION TEST ADAPTERS

Application	Engine	Type	Thread	Adapter
Allis Chalmers	6000, 7000, 10000, 11000	Injector M21	-	TU-15-11A
Audi	Early Models, see VW for TDI	Injector	M24 x 2.00	TU-15-4A
	(1982-83) 4000, 4000 Quattro 1.6L	Glow Plug	M12 x 1.25	TU-15-6
	(1979-85) 5000 Quattro 2.0L			TU-15-23
Bedford	200, 220, 300, 330, 466	Injector M21	-	TU-15-11A
BMW	2.4L MFI Turbo	Glow Plug	M12 x 1.25	TU-15-6
				TU-15-23
Caterpillar	D336, 1674, 1676, 3406, 3408, 3412 3406B	Injector 9/16"	7/8"-14	TU-15-21
	3208, 110	Injector 3/8"	-	TU-15-20
	3022, 3023, 3024, 3034	Glow Plug	M10 x 1.25	TU-15-14
	3116	Injector	-	TU-15-42
	3054, 3056	Injector	M24 x 1.50	TU-15-41
	3126, 3126B	Injector	-	TU-15-43
	3126D, 3126E	Injector	-	TU-15-44
	3176, C10, C11	Injector	-	TU-15-45
	3196, C12, C13	Injector	-	TU-15-46
	3304	Injector	-	TU-15-47
	3204, Late Model 3208, 3304B, 3306C, 3406C	Injector	-	TU-15-48
	3406E, C15, C16	Injector	-	TU-15-49
	3408E, 3412E	Injector	-	TU-15-76
3500 Series	Injector	-	TU-15-77	
C7, C9	Injector	-	TU-15-81	
Chevette/Isuzu	1.8L, 2.2L	Glow Plug	M10 x 1.25	TU-15-3A
Cummins	V-185, V-210, V-225, V-555, VT-255, VT-555	Injector 7/8"	-	TU-15-8
	NH, V6, V8, V12, All 5-1/2" Bore NH, and 903 V8 Cylinder PTB	Injector 1"	-	TU-15-9
	N14	Extension	-	TU-15-29
	NTC, NTS, M11, ISM, L10	Extension	-	TU-15-28
	1998-2002 ISB 5.9L	Injector	-	TU-15-26
	2003-Present ISB 5.9L, 6.7L	Injector	-	TU-15-75
	1998-2003 ISC, ISL	Injector	-	TU-15-27
	1984-1998 B Series 2.9L, 3.9L, 5.9L, 4.5L	Injector	M24 x 1.50	TU-15-17
	1985-1998 C Series 8.3L	Injector M17	-	TU-15-18A
	B Series 3.3L	Injector M17	-	TU-15-19
2001-2010 ISX	Injector	-	TU-15-78	
Detroit Diesel	53, 71, 92, 110, 149, V53, V71 8.2L	Injection M24	-	TU-15-12A
	Series 40	Injector	-	TU-15-25
	Series 60 and 50	Injector	-	TU-15-33
Deutz	Most models	Glow Plug	M12 x 1.25	TU-15-6
	Some models	Injector M17	-	TU-15-18A

COMPRESSION TESTING

APPLICATION CHART FOR DIESEL COMPRESSION TEST ADAPTERS

Application	Engine	Type	Thread	Adapter
Dodge/Cummins, Dodge	(1989-98) 5.9L	Injector	M24 x 1.50	TU-15-17
	(1998-2009) 5.9L ISB	Injector	-	TU-15-26
Fiat Allis	8035-02-300, 8035-02-301, 8035-02-302, 8045-02, 8045-03	Injector M21	-	TU-15-11A
Ford	6.6L, 7.8L, Bosch	Injector M21	-	TU-15-11A
Ford/Mazda	(1984-1987) 2.0L; (1983-84) 2.2L Escort, Lynx, Ranger, Tempo, Topaz	Glow Plug	M10 x 1.25	TU-15-14
Ford/Mitsubishi	(1985-1987) Ranger 2.3L	Glow Plug	M10 x 1.25	TU-15-14
Ford	(1982-1994) 6.9L, 7.3L	Glow Plug	M10 x 1.00	TU-15-1A
	(1994-2004) 7.3L Turbo, Direct Injection Power Stroke	Glow Plug	M10 x 1.00	TU-15-22A
	(2003-2008) 6.0L, 6.4L Power Stroke (2008-2010)	Glow Plug	M14 x 1.25	TU-15-24
	2011-2015 6.7L Powerstroke	Glow Plug	M8 x 1.00	TU-15-80
General Motors	4.3L V6, 4.3L V8, 5.7L V8 (1978-85)	Glow Plug	M10 x 1.00	TU-15-1A
	6.2L & 6.5L V8 True Diesel (1982-2002)	Glow Plug	M10 x 1.00	TU-15-2A
	DuraMax 6.6L Turbo Diesel (2001-2005)	Glow Plug	M10 x 1.25	TU-15-3A
	DuraMax 6.6L Turbo Diesel (2005-Present)	Glow Plug	M10 x 1.25	TU-15-38
	DuraMax ID415	Injector M17	-	TU-15-19
GMCTruck	W4, W7, W7HV	Glow Plug	M12 x 1.25	TU-15-23
Hatz	Some Models	Injector M17	-	TU-15-19
Hino	Medium	Glow Plug	M12 x 1.25	TU-15-23
Hummer H1	(1992-2004) Optimizer 6500 V8 Turbo & 6.2L V8	Glow Plug	M10 x 1.00	TU-15-2A
Hummer H1-Alfa	6.6L Duramax (2005-06)	Glow Plug	M10 x 1.25	TU-15-38
International Harvester	D/DT361, D/DT429, DV462, DV/DVT550, DT/DV/DVT, 573, 361, 407	Injector M21	-	TU-15-11A
	6.9L, 7.3L	Glow Plug	M10 x 1.00	TU-15-1A
International Navistar	(1984-1997) DT 360, DT408, DT466, 312, 360, 414, 436, 446 C.I.D.	Injector M17	-	TU-15-19
	1994-2007 7.3L T444E	Glow Plug	M10 x 1.00	TU-15-22A
	4.5L VT275, 6.0L VT365E, 6.4L Maxxforce7	Glow Plug	M14 x 1.25	TU-15-24
	1994-2004 7.6L DT466E, 8.7E DT530E, DT570	Injector	-	TU-15-25
	2004-Present International MaxxForce DT, 9,10	Injector	-	TU-15-79
Isuzu/Isuzu Truck	(1992-98) HE1-TC (1998-present) 6HK1-TC	Glow Plug	M10 x 1.25	TU-15-3A
	(1998-present) 4HE1-TC; (up to 1998) 6HK1-TC	Glow Plug	M12 x 1.25	TU-15-5 TU-15-6 TU-15-23
	1.8L, 2.2L, I-Mark, Pick-up, Trooper	Glow Plug	M10-1.25	TU-15-14
Jeep	(2005) Liberty 2.8L	Glow Plug	M10 x 1.00	TU-15-2A
J.I. Case	2.9L, 3.9L, 5.9L	Injector	M24 x 1.50	TU-15-17
	8.3L	Injector M17	-	TU-15-18A
	Models not using pencil nozzle	Injector M21	-	TU-15-11A
J.I. Case 70 Series	188, 207	Injector 3/8"	-	TU-15-20

COMPRESSION TESTING

APPLICATION CHART FOR DIESEL COMPRESSION TEST ADAPTERS

Application	Engine	Type	Thread	Adapter
John Deere	Early 300, 400, 500 Series; 276, 404, and 531 CID	Injector 3/8"	-	TU-15-20
	404, 466, 531, 619	Injector M21	-	TU-15-11A
Kawasaki	Mule 3010 Diesel (Kubota)	Injector	M20 x 1.50	TU-15-34
	Mule 3010 Diesel (Diahatsu)	Glow Plug	M10 x 1.25	TU-15-14
Kubota	D722, D902, D950, D1105, V1505, V2203	Glow Plug	M8 x 1.00	TU-15-35
	D650, D1100	Glow Plug	M10 x 1.25	TU-15-14
	D902, D950	Injector	M20 x 1.50	TU-15-34
Lincoln	(1984-85 cars) Mark VII, Continental 2.4L MFI Turbo	Glow Plug	M12 x 1.25	TU-15-6 TU-15-23
Mack Truck	END 405, 457, 510, 519, 605, 672, 673, 674, 711, 864, ENDT 673, 675, 676, 865, 866	Injector M21	-	TU-15-11A
	E6, E7, E-Tech, E460	Injector	-	TU-15-36
Mazda	(1982-84) B2200 2.2L, (1984-85) 626 2.0L	Glow Plug	M10 x 1.25	TU-15-14
Massey Ferguson	4.203, 4.236, 4.248, 6.354, 8.540	Injector M21	-	TU-15-11A
Mercedes-Benz	(1960-80) models	Glow Plug	M18 x 1.50	TU-15-5 TU-15-6
	(1978-99) models, (1988-89) 190E 2.5L, (1991-99) E300, (1992-95) 300 SD / S350	Glow Plug	M12 x 1.25	TU-15-5 TU-15-6 TU-15-23
	(1966-87) models	Injector	M24 x 2.00	TU-15-4A
	(1987-2005) models	Injector	M22 x 1.50	TU-15-39
	(2004-05) E320 CDI	Glow Plug	M10 x 1.00	TU-15-1A
	MBE 900 & MBE 4000	Injector	-	TU-15-37
	2.7L	Glow Plug	M10 x 1.00	TU-15-2A
Mitsubishi	2 and 3 cylinder engines	Glow plug	M10 x 1.25	TU-15-14
Mitsubishi-Fuso	Medium	Glow Plug	M10 x 1.25	TU-15-14
	Medium	Injector M21	-	TU-15-11A
Nissan	(1965-71) Cedric 2.2L SD22	Glow Plug	M10 x 1.25	TU-15-14
	(1981) 810 2.8L (Datsun) RD 28;	Glow Plug	M12 x 1.25	TU-15-23
	(1982-83) Maxima 2.8L RD28 (1983-87) Sentra 1.7L CD17	Glow Plug	M10 x 1.00	TU-15-1A
Nissan / UDTruck	Medium	Glow Plug	M10 x 1.25	TU-15-14
Onan	DSL, MDL	Injector M21	-	TU-15-11A
Perkins	3.125, 4.203, 4.236, 4.248, 4.318, 6.354, 6.370, 8.540, 8.640, Phaser/1004, Phaser/1006	Injector M21	-	TU-15-11A
	100, 200, 400, 700 series	Glow Plug	M10 x 1.25	TU-15-14
	4.108	Glow Plug	5/8"-18	TU-15-40
	1000 series	Injector	M24 x 1.50	TU-15-41

COMPRESSION TESTING

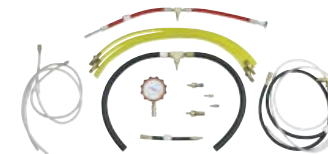
APPLICATION CHART FOR DIESEL COMPRESSION TEST ADAPTERS

Application	Engine	Type	Thread	Adapter
Peugeot	Most Models	Glow Plug	M12 x 1.25 M18 x 1.50	TU-15-6
Scania	DN11, DS11	Injector M21	-	TU-15-11A
Sprinter/ Mercedes/ Freightliner/Dodge	(2001-2006) 2.7L, OM612/647	Glow Plug	M10 x 1.00	TU-15-2A
	(2007-Present) 3.0L, OM642/V6	Glow Plug	M8 x 1.00	TU-15-80
Toyota	1.8L	Glow Plug	M10 x 1.25	TU-15-3A
	2.2L	Glow Plug	M10 x 1.25	TU-15-14
UDTruck	Medium	Glow Plug	M10 x 1.25	TU-15-14
Universal Marine	M15, M20, M25, M25XP, M30	Injector	M20 x 1.50	TU-4A TU-15-34
Volvo	Early models	Injector	M24 x 2.00	TU-15-4A
	Models 30's, 40's	Glow Plug	M12 x 1.25	TU-15-23
Volvo Penta	MD marine engines	Injector M17	-	TU-15-18A
VW	(1970s) Rabbit	Injector	M24 x 2.00	TU-15-4A
	(1979-81) Dasher, (1996) Eurovan, (1985-96) Golf, (1981-95) Jetta, (1992-94) Passat, (1981-84) Pick-up, (1982-85) Quantum, (1977-84) Rabbit, (1982-85) Vanagon	Glow Plug	M12 x 1.25	TU-15-5 TU-15-6 TU-15-23
	(1997-05) Golf, (1997-05) Jetta / Jetta Wagon, (1998-05) Beetle, (1996-97) Passat, (2004-05) Touareg	Glow Plug	M10 x 1.00	TU-15-1A
Waukesha	Most	Injector M21	-	TU-15-11A
Westerbeke	Marine engines	Glow Plug	M10 x 1.00	TU-15-1A
		Glow Plug	M10 x 1.25	TU-15-14
		Injector M21	-	TU-15-11A
White Farm	66, 77, 88, 99, 166, 177, 188, 199, 550, 660, 770, 880, 950, 1550, 1555, 1600, 1650, 1655, 1750, 1755, 1800, D2000, 2300, 3000	Injector M21	-	TU-15-11A
Wisconsin	340, 350, 430, 660, 670, 750, 860, 1000	Injector M21	-	TU-15-11A
Yanmar	Some models	Injector M17	-	TU-15-18A

FUEL PRESSURE TESTING

TU-32

MASTER FUEL SYSTEM TEST KIT - CUMMINS 5.9L



- M68 compound 45 PSI, 30inHg gauge, fuel pressure, inlet restriction and fuel volume test adapters
- Contains all adapters necessary for testing on Cummins Series B and ISB engines (including Dodge Ram)

TU-32-1

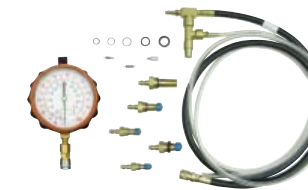
FUEL SYSTEM TEST ADAPTER KIT - CUMMINS 5.9L



- Includes an OTC-style conversion adapter so that pressure adapter and inlet restriction adapters can be used with existing gauges on the market

TU-32-2

BASIC DIESEL FUEL PRESSURE TEST KIT



- M91/100 PSI gauge w/ boot assembly and 4-ft. hose
- Pressure relief valve
- 5 banjo bolt adapters ranging from M8 to M14 and 1 repair kit

TU-32-3

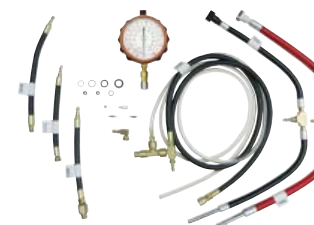
INTERNATIONAL DIESEL FUEL SYSTEM TEST KIT



- International engines VT365, T444E, DT466, DT530, and DT570
- Two M91 gauges: 0 - 100 PSI and 0 - 30 inHg
- 4-ft. hose
- 4 adapters

TU-32-4

FORD POWER STROKE DIESEL FUEL SYSTEM KIT



- Ford Power Stroke engines 1994 to present
- M91/100 PSI gauge w/boot and bleed off assembly
- Adapters necessary to pressure test the fuel system on Power Stroke engines
- Adapters can be used for testing at both the fuel filter and at the fuel pump

TU-32-5

FORD POWER STROKE DIESEL FUEL PRESSURE ADAPTER KIT



- Includes all adapters necessary to test Ford Power Stroke engines 1994 to present
- Adapters can be used with any gauge from the following sets: TU-443, TU-469, TU-540, TU-550, TU-32-2, TU32-3

TU-32-6

GM 6.6L DURAMAX DIESEL FUEL SYSTEM TEST KIT



- Quick connect test port on GM 6.6L Duramax engines
- Gauge assembly with 6-ft. hose
- M91 gauge w/vinyl boot reads 30 inHg to 15 PSI

TU-32-7

HIGH PRESSURE OIL SYSTEM TEST KIT



- Used to diagnose the inline pressure, pressure loss to one head, and oil pump dead head pressure in the following: Ford Power Stroke 6.0L and 7.3L as well as International T444E and VT 365E engines
- 5000 PSI gauge and hose assembly, 12mm straight thread adapter
- STC and JIC adapters
- STC release tool