

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

Part # 43658

FJC Radiator and Radiator Cap Pressure Test Kit

Instructions





SAFETY PRECAUTION

- **DO NOT start engine before / during the pressure test to avoid getting burnt**
- **Always wear hand gloves when work with this tool**
- **Please ensure the radiator coolant is cool before operating.**

OPERATION INSTRUCTIONS

- **Step 1:** Remove the original radiator cap while the engine is cold
- **Step 2:** Choose a test cap suiting the connection type onto the radiator. Screw the cap onto the radiator opening. (Fig.1)
- **Step 3:** Connect the pump to the test cap through the quick coupling at the hose end.
- **Step 4:** Pump until pressure is approximately 10-15 psi (Fig.2). If the gauge pointer does not move for approximately 1 minute, the whole circuit is perfectly efficient; if it goes down, the circuit leaks, where water is discharged. If the gauge goes down and no fluid discharge can be located, check whether the engine head gasket is worn.
(CAUTION: please avoid the pressure up to the 35 psi)
- **Step 5:** Finally, release pressure through the button next to the quick coupling, and put away the device, after removing any fluid or dirt.



Fig.1



Fig.2

CHECKING THE LEAKAGE OF ORIGINAL RADIATOR CAP

- **Step 1:** Choose the #2A or 2B with available radiator

Note: #2A is available for cap #3 (R123) and #4 (R124)
#2B is available for cap #3 (R123) and #5 (R125)

- **Step 2:** Work the hand pump for few times, and then check the gauge reading for testing leakage.

Follow the pressure standard shows on original radiator cap



APPLICATION OF RADIATOR PRESSURE TESTER



0	Thermometer
1	Pressure Testing Pump With Gauge
2A	Connector R123/R124
2B	Connector R123/R125
3	Buick LeSabre 1990-, Park Avenue 1991- Chrysler Sebring 1995- Chevrolet Venture 1997- Dodge Caravan 1989-, Dakota 1989-, Startus 1995- Jeep Mercedes Benz W123, W126, W124, W201 Oldsmobile Silhouette 1990- Pontiac Bonneville 1990-, Grand Prix - 2003
4	Acura Integra: 1990-1993 Chevrolet Nova: 1985-1998, Spectrum: 1985-1988, Sprint:1985-1988 Chrysler Laser: 1991-1998 Dodge Colt: 1984-1992, Stealth: 1991-1996 Eagle Talon: 1991 -1998 Ford Escort: 1991-, Explorer:1995-2001, Festiva: 1988-1993, Probe: 1989-1997 Ranger:1987-, Tempo:1992-1994, Windstar:1995- Thunderbird:1989-1992, 1993-1997:W/VA Geo Metro: 1989-1994, Prizm: 1998-1998, Tracker: 1989-1993 GM Nova, Spectrum, Sprint Honda Accord: 1990-1993, Civic: 1988-1991, Motorcycles: 1991-2004, Passport:1994- Prelude: 1990-1998 Hyundai All:1987- Infiniti All:1992- Isuzu All:1992-1997 Kia Sedona:2003- Lexus LS 400: 1990-1999, LX 450:1996-1999, LX 470: 1996-1999, ES:1994-1999

	Mazda	All: 1985-1999, not 1995 Protege W/1.5L, MPV: 1990-
	Mercury	Courgar: 1989-1992, Cougar: 1993-1997 W/V6, Topaz: 1992-1994, Tracer: 1991-1999 Villager: 1993-, Villager: 1995-1999
	Mitsubishi	3000GT; 1991-1998, Diamante: 1992-1995, Galant: 1985-1993, Mirage: 1985-1992 Montero: 1989-1998, Starion: 1989-1993
	Mercedes Benz	
	Nissan	All:1987-
	Subaru	All:1984-
	Suzuki	1983-1995 W/16 mm deep neck
	Peugeot	
	Toyota	Corolla: 1983-1992, Starlet: 1983-1 984, Tacoma: 1995-, Tercel: 1983-1990 4Runner:1986-1995, Avalon 1995-, Camry: 1983-1989, Cressida: 1985-1992 Camry: 1983-1989, Land Cruiser:1987-, Pickup:1983-1992, Solara 1998- Sienna: 1998-1999, SupraL 1986-1992:Not turbo, T100, 1995-1998, Camry: 1990-1991 Previa: 1989-1997, Avalon 1995-, Camry: 1994-1999:4cylinder, Celica: 1982-1989
5	Acura	CL: 1997-, Integra: 1994-1999, Legend: 1991 -1996, MDX:2001-, TL:1995-
	Chevrolet	Metro: 1998-1998, Prizm: 1998, Tracker: 1998-1998
	Dodge	Colt: 1993-1994
	Eagle	Summit: 1993-1995
	Geo	Metro: 1995-1998, Prizm:1998-, Prizm:1993-1997, Tracker:1994-1998
	Honda	Accord: 1994-, Civic:1991-, Odyssey:1995-, Pilot:2003-
	Isuzu	All: 1998-
	Lexus	GS400: 1998-1999, ES250: 1990-1991, ES300: 1992-1993, GS300: 1993-1999
	Mazda	Protege: 1995:1.5L
	Mitsubishi	Diamante:1996-, Galant: 1994-, Mirage :1993-, Montero Sport: 1997-
	Suzuki	1989-1999: W/9mm deep neck, XL-7:2001-
	Toyota	4Runner:1969-, Camry:1990-1991:V6 w/auto,trans., Camry:1992- Celica: 1990-1998, Corolla: 1993-, Echo: 2000-, Paseo: 1992-1997, RAV4: 1996- Supra: 1990-1992 turbo, Tercel: 1991-1999
6	Cadillac	Catera: 1997-2001
	Daewoo	All: 1999-2001
	Ford	Contour: 1995-2000, Fiesta:1995-, Focus:1998-, Fuscion:2006-
	GM	Achiva, Skylark, Gramd Am-1992-2002
	Jaguar	All:1990-1994, X-Type: 2002 -
	Jeep	
	Land Rover	Discovery: 1989-2004, Range Rover: 1988-1994
	Mercedes Benz	ML-class, W163, W164
	Mercury	MYSTIQUE: 1995-2000
	Pontiac	Le Mans: 1988-1993
	Porsche	911: 1999-, Boxter: 1997-
	SAAB	900: 1994-1998
	Saturn	L-Series: 2000-
7	Alfa Romeo	
	Citroen	
	Fiat	
	Mini Cooper	S: 2002-
	Peugeot	206: 1999-, 307: 2004-, 406: 1999-, 407: 2004-, 807:2004-

	Renault	All: 1985-1987, Avantime: 2002 -, Espace: 2002-
	SAAB	900: 1978-1993, 9000:1986-1998
	Sterling	All: 1987-1991
	Jeep	
	Volvo	Passenger vehicles W/threaded neck
8	VW	Vento, T4, Passat-1996, Golf, Beetle, Sharan, 1990-1998: W/ female thrd on filler neck of expansion tank- except 1998 Passat & new Beetle, Eurovan:1990-2003, Golf:1993-1998
9	Audi	A4: 1996-, A5, A6:1998-, A8:1997, TT:2000
	BMW	345
	Porsche	Cayenne
	VW	Beetle: 1998-, Golf: 1999-, Jetta: 1999-, Passat: 1998-
10	BMW	3 Series:1998-, 5 Series: 1997-2003, 7 Series:1998- E46, E36, E34, E39, E38, E32, E90
11	Audi	1975-1993: w/male thread on expansion tank
	VW	1975-1993: w/male thrd on exp.tank, Golf: 1983-1992
12	Ford	Mondeo
	International	
	Land Rover	
	Opel	
	Sangyong Motor	
13	Chrysler	Crossfire: 2004-
	Mercedes Benz	w /thread filler neck on expansion tank, except M-Class, E-Class: 1996- C-Class, E-Class, S-Class, W140, W220, W124. W210. W211. W215, W216, W221 , R230
14	Ford	Mondeo 2000-2007, Focus 2000-2007, C-MAX 03
15	Ford	Focus 2008-2011, Mondeo 2008, 2009
	Mazda	3 Series 2004-2011
F	Empty	Universal Adapter (Not included in this kit, can be ordered from FJC)

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