



Mastercool[®] Inc.
"World Class Quality"

COOLING SYSTEM PRESSURE TEST TOOLS



43300



43302



43305



43306



43705



43390



43305

43300 14 PIECE UNIVERSAL COOLING SYSTEM PRESSURE TEST KIT

- Detects and exposes external system leaks
- Detects internal engine leaks due to blown gaskets or cracked block
- Includes hand pump, thermometer and 12 adapters (No.'s 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13) to fit most popular domestic and import cars and trucks

43301 27 PIECE MASTER RADIATOR PRESSURE TEST KIT

- Detects and exposes external system leaks
- Detects internal engine leaks due to blown gaskets or cracked block
- Vacuum type cooling system
- Purge and refill for quick change of coolant
- Test Range: 0 – 35 psi
- Includes 1 blue radiator cap test connector R123/R125
- Includes 1 black radiator cap test connector R123/R124
- Includes 1 thermometer, 1 universal radiator cap, 1 vacuum purge and refill tool, coolant hose and additional installation accessories
- Includes hand pump and 19 adapters (No.'s 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21) to fit most popular domestic and import cars and trucks

43302 25 PIECE MASTER COOLING SYSTEM PRESSURE TEST KIT

- Detects and exposes external system leaks
- Detects internal engine leaks due to blown gaskets or cracked block
- Includes blue and black radiator cap test connectors
- Includes hand pump, thermometer and 21 adapters (No.'s 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23) to fit most popular domestic and import cars and trucks

43305 10 PIECE COOLING SYSTEM PRESSURE TEST ADAPTER KIT

- Adapter update kit to be used with 43300
- Detects and exposes external system leaks
- Detects internal engine leaks due to blown gaskets or cracked block
- Includes blue and black radiator cap test connectors
- Includes 8 adapters (No.'s 14, 15, 16, 17, 18, 19, 20, 21) to fit most popular domestic and import cars and trucks

43013 VACUUM TYPE COOLING SYSTEM FILLER KIT

- Significantly shortens time for refilling new coolant by creating a vacuum in the cooling system
- No need to undergo time-consuming air bleeding after refilling new coolant
- Conical adapter offers a wide application to different radiator filler necks
- Kit can be hooked underneath the vehicle's hood for easy access
- Minimizes the risks of engine overheating
- Kit includes vacuum purge and refill tool, coolant hose, 1 universal radiator cap

43306 HEAVY DUTY COOLING SYSTEM PRESSURE TEST & REFILL KIT

Remove the complications that often result from unreliable rubber plugs or bladders with our heavy duty cooling system pressure test & refill kit. This kit will save set-up time and provide precise test results.

- Uses shop air to uphold continual pressure to the cooling system during testing and refill
- 4 quick disconnect vacuum attachments provide quick refilling of the cooling system and eradicates airlocks
- For use with Freightliner, International, Kenworth, Peterbilt, Mack, Volvo, GMC and Sterling cooling systems
- Includes heavy duty vehicle adapters, pressure test regulator, vacuum refill attachment with tubing in a plastic case

43705 REFRACTOMETER

- Offers a quick and easy way to test the freezing point of coolant/anti-freeze
- Compatible with Ethylene or Propylene Glycol
- Measures battery acid specific gravity
- Automatic temperature compensation
- Large, easy to read graphics and high contrast lens
- Adjustable focus viewfinder
- Strong, metal body structure
- Includes storage case, fluid dropper and calibration screw driver
- Not for use with OAT coolants or DEF

43390 UNIVERSAL 90° ADAPTER FITTING FOR ALL RADIATOR ADAPTERS

- Use in hard to reach places



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ADAPTER APPLICATION CHART

CAP #	MAKE & MODEL
2	Mercedes Benz, GM (Buick), Jeep
3	Buick (Lesabre: 1990-, Park Avenue: 1991-), Chrysler (Sebring: 1995-), Chevrolet (Venture: 1997-), Dodge (Caravan: 1989-, Dakota: 1989-, Stratus: 1995-), Jeep , Mercedes (W123, W124, W126, W201), Oldsmobile (Silhouette: 1990-), Pontiac (Bonneville: 1990-, Grand Prix: -2003)
4	Acura (Integra: 1991-1993, Legend: 1989-1990, NSX: 1995-2004, SLX: 1997, Vigor: 1992-1994), BMW (M6:2008), Chevrolet (Nova: 1985-1998, Spectrum: 1985-1988, Sprint: 1986-1988), Chrysler (Laser: 1991-1998, Sebring: 1996-1998), Dodge (Avenger: 1995-1995, Colt: 1984-1991, Ram 50: 1989-1992, Stealth 1993-1996), Eagle (Summit: 1989, Talon: 1991-1998), Ford (Aspire: 1994-1997, Escort: 1991-2002, Expedition: 2009-2011, Explorer: 1995-2001, Explorer Sport Trac: 2001-2005, F150: 2009-2011, Festiva: 1989-1993, Mustang: 1997-2004, Probe: 1989-1997, Ranger: 1995-2011, Tempo: 1992-1994, Thunderbird: 1992-1995, Windstar: 1996-1999), Geo (Metro: 1989-1993, Prizm: 1989-1991, Spectrum: 1989, Storm: 1990-1993, Tracker: 1989), GM (Nova, Spectrum, Sprint), Honda (Accord: 1990-1993, Civic: 1988-1991, CRX: 1989-1990, Motorcycles: 1991-2004, Passport: 1994-2002, Prelude: 1990-1998), Hyundai (Accent: 1995-2010, Azera: 2006-2010, Elantra: 1992-2011, Entourage: 2007-2008, Excel: 1986-1994, Genesis: 2009-2010, Genesis Coupe: 2010, Sante Fe: 2002-2010, Scoupe: 1994, Sonata: 1989-2011, Tiburon: 1998-2008, Tuscon: 2005-2010, Veracruz: 2007-2010, XG 350: 2004) Infiniti: (FX35: 2003-2007, G20: 1991-2002, G35: 2004-2007, I30: 1997-2000, I35: 2002-2004, J30: 1996, M30: 1990-1992, M35: 2006-2009, M45: 2003-2010, Q45: 1990-2006, QX4: 1998-2003), Isuzu (Amigo: 1989-2000, Axiom: 2002-2004, I-Mark: 1985-1989, Impulse: 1985-1992), Kia (Amanti: 2006-2009, Borrego: 2009, Forte: 2011, Optima: 2002-2010, Rio: 2002-2011, Rio5: 2007-2011, Rondo: 2009-2010, Sedona: 2003-2011, Sephia: 1994-2001, Sorrento: 2003-2011, Soul: 2010-2011, Spectra: 2002-2009, Spectra5: 2005-2009, Sportage: 1995-2011), Lexus (ES300: 1996-2003, ES330: 2005, LS400: 1992, LX 450: 1996-1999, LX470: 1998-2005, SC400: 1992), Lincoln (Navigator: 2009-2011), Mazda (323: 1986-1993, 626: 1985-1999, 929: 1990-1993, B2000: 1986-1987, B2200: 1988-1993, B2300: 2005, B2500: 1998-2000, B2600: 1987-1993, B3000: 1996-2007, B4000: 1995-2006, CX-9: 2007-2010, Matia: 1991-2005, Millenia: 1995-2002, MPV: 1991-2006, MX-5 Matia: 2006-2012, MX-6: 1991-1997, Protege: 1993-2003, Protege 5: 2002-2003, RX-7: 1986-1995, RX-8: 2005-2009), Mercury (Capri: 1991-1994, Cougar: 1989-1992, Cougar w/V6: 1993-1997, Mountaineer: 1997-2000, Topaz: 1992-1994, Tracer: 1988-1999, Villager: 1994-2002), Mitsubishi (3000GT: 1992-1996, Cordia: 1986-1988, Diamante: 1992-1995, Eclipse: 1990-1999, Galant: 1989-1993, Mighty Max: 1987-1994, Mirage: 1985-1992, Montero: 1989-1998, Outlander: 2003-2011, Outlander Sport: 2011, Precis: 1988-1992, Starion: 1984-1986), Mercedes Benz , Nissan (200SX: 1984-1988, 240SX: 1990-1994, 300ZX: 1984-1996, Altima: 1993-2006, Access: 1990, Cube: 2009-2010, D21: 1986-1994, Frontier: 1998-2011, Maxima: 1987-2008, Murano: 2003-2007, NX: 1991-1993, Pathfinder: 1987-2004, Pulsar NX: 1987-1989, Quest: 1994-2009, Rogue: 2009-2010, Sentra: 1987-2011, Stanza: 1987-1992, Versa: 2007-2011, Xterra: 2000-2012), Plymouth (Colt: 1984-1991, Laser: 1993-1994), Subaru (Baja: 2004-2005, Brat: 1983-1987, DL: 1983-1989, Forester: 1999-2011, GL: 1983-1989, GL-10: 1985-1989, Impreza: 1993-2001, Justy: 1998-1993, Legacy: 1990-2011, Loyale: 1990-1992, Outback: 2000-2011, RX: 1986, SVX: 1994-1997, XT: 1985-1991), Suzuki (Equator: 2009-2011, Samurai: 1986, Sidekick: 1989-1991, Swift: 1990-1994, XL-7: 2004-2006), Toyota (4Runner: 1986-1995, Avalon: 1995-2004, Camry: 1983-1991, Camry 4cylinder: 1994-1999, Celica: 1983-1989, Corolla: 1983-1992, Cressida: 1985-1992, Land Cruiser: 1993-2007, MR2: 1989-1995, Previa: 1991-1997, Sienna: 1998-2006, Solara: 1999-2008, Starlet: 1983-1984, Supra: 1987-1990, T100: 1995-1998, Tacoma: 1996-2004, Tercel: 1983-1990)
5	Acura (CL: 1997-2002, Integra: 1994-2000, Legend: 1993-1995, MDX: 2001-2011, RDX: 2009-2012, RL: 1996-2010, RSX: 2002-2005, TL: 1996-2011, TSX: 2007-2012), Chevrolet (Metro: 1999-2000, Prizm: 1998-2002, Tracker: 1998-2004), Chrysler (Sebring: 2011), Dodge (Colt: 1993-1994, Stratus: 2001-2004), Eagle (Summit: 1992-1993), Geo (Metro: 1995-1997, Prizm: 1993-1997, Tracker: 1997), Honda (Accord: 1994-2011, Civic: 1992-2010, Civic del Sol: 1993-1997, CR-V: 1997-2010, CR-Z: 2011, Element: 2003-2010, Fit: 2008-2009, Insight: 2001-2011, Odyssey: 1998-2010, Pilot: 2003-2011, Prelude: 1999-2001, Ridgeline: 2007-2011, S2000: 2006-2009), Isuzu (Oasis: 1997, Rodeo: 1999-2000, Rodeo Sport: 2003), Lexus (ES250: 1990-1991, ES350: 2008-2012, GS300: 1993-2003, GS350: 2007-2009, GS430: 2004-2007, GX470: 2004-2005, IS300: 2003, IS350: 2009-2012, LS430: 2001-2003, LX570: 2011-2013, RX300: 1999-2006, RX350: 2008-2010, RX400H: 2006-2008, SC300: 1992-2010), Mazda (Mazda 2: 2011, Mazda 5: 2008-2010, Protege: 1995-2003), Mercedes (ML-class, W163, W164), Mitsubishi (Diamante: 1996-2004, Eclipse: 2000-2010, Endeavor: 2006-2011, Expo: 1992-1995, Expo LRV: 1992-1994, Galant: 1994-2011, Mirage: 1993-2002, Montero Sport: 1997-2003), Plymouth (Colt: 1992-1994), Pontiac (Vibe: 2003-2010), Scion (FR-S: 2013, iQ: 2012, tC: 2005-2010, xA: 2006), Subaru (B9 Tribeca: 2006-2007, Tribeca: 2008-2010), Suzuki (Aerio: 2003-2007, Esteem: 1995-2002, Sidekick: 1991-1998, Swift: 1999-2001, SX4: 2007-2009, Vitara: 1999-2003, X-90: 1996-1998, XL-7: 2002-2003), Toyota (4Runner: 1969-2011, Avalon: 2005-2010, Camry V6 w/auto trans: 1990-1991, Camry: 1992-2011, Celica: 1990-1999, Corolla: 1993-2012, Echo: 2001-2005, FJ Cruiser: 2007-2010, Highlander: 2001-2011, Land Cruiser: 2009, Matrix: 2003-2011, Paseo: 1992-1998, Prius: 2001-2009, RAV4: 1996-2003, Sequoia: 2001-2011, Sienna: 2007-2011, Supra: 1990-1998, Tacoma: 2005-2011, Tercel: 1991-1998, Tundra: 2000-2011, Venza: 2009-2011, Yaris: 2008-2011), VW (Touareg: 2004)
6	Cadillac (Catera: 1997-2001), Chevrolet (Aveo: 2004-2011, Aveo5: 2006-2012, Epica: 2004), Daewoo (Leganza: 1999-2002, Lanos: 1999-2002, Nubira: 1999-2002), Ford (Contour: 1995-2000, Fiesta: 1995-, Focus: 1998-, Fusion: 2006-), GM (Achieva, Skylark, Grand Am: 1992-2002), Jaguar (All: 1990-1994, XJ6: 1998-2001, XJR: 1998-2001, XK8: 1997-2006, XKR: 2000-2006, X-Type: 2002-2007), Jeep , Land Rover (Discovery: 1989-2004, Range Rover: 1988-1994), Mercedes-Benz (ML-Class: 1997-2011), Mercury (Mistique: 1995-2000), Pontiac (Le Mans: 1988-1999, G3: 2009, Wave: 2005, Wave5: 2005), Porsche (911: 1999-, Boxter: 1997-), Saab (900: 1994-1998, 9-3: 1999-2003, 9-5: 1999-2008), Saturn (L100: 2001-2002, L200: 2001-2003, L300: 2001-2005, L300-1: 2004, L300-2: 2004, L300-3: 2004, LS: 2000, LS1: 2000, LS2: 2000, LW1: 2000, LW2: 2000, LW200: 2001-2003, LW300: 2001-2003, Vue: 2002), Suzuki (Forenza: 2004-2008, Reno: 2005-2008, Swift-: 2004, Verona: 2004-2005)
7	Alfa Romeo (145-930: 1994-2001, 146-930: 1994-2001, 164-164: 1987-1998, 166-936: 1998, 33-907A: 1990-1994, 33 sportwagon-907B: 1990-1994, GTV-916C: 1994, Spider-916S: 1994-2005), Citroen (Jumper Box 230L: 1994-2002, Jumper Bus 230P: 1994-2002, Jumper Platform/Chassis 230: 1994-2002), Fiat (Coupe FA/175: 1993-2000, Croma-154: 1985-1996, Ducato Box-230L: 1994-2002, Ducato Box-244: 2002, Ducato Bus-230: 1994-2002, Ducato Bus-244Z: 2002, Ducato Platform/Chassis230: 1994-2002) Lancia (Delta II-836: 1993-1999, Kappa-938A: 1994-2001, Kappa Coupe-838: 1996-2001, Kappa SW-838B: 1996-2001, Thema-834: 1984-1994, Thema SW-834: 1987-1994), Mini Cooper (S:2002), Peugeot (206: 1999-, 307:2004-, 406: 1999-, 407: 2004-, 807: 2004-, Boxer Box-230L: 1994-2002, Boxer Bus-230P: 1994-2002, Boxer platform/Chassis-ZCT: 1994-2002), Renault (All-1985-1987, Avantage: 2002-, Escapade: 2002-), Saab (900-1978-1993, 900: 1986-1998), Sterling (All: 1987-1991), Jeep , Volvo (Passenger vehicles w threaded neck)
8	VW (Vento, T4, Passat: 1990-1997, Beetle, Sharan, Cabrio: 1995-2002, Corrado: 1990-1994, Eurovan: 1993-2003, Golf: 1990-1999, 1990-1998: with female thread on filler neck of expansion tank - except 1998 Passat & New Beetle, Jetta: 1990-1999)
9	Audi (A3: 2006-2012, A3-8P1: 2003, A3 Sportback-8PA: 2004, A4: 1996-2012, A4-8EC, B7: 2004-2008, A4 Avant-8ED, B7: 2004-2008, A4 Quattro: 1996-2012, A5: 2011-2012, A5 Quattro: 2008-2012, A6: 1998-2012, A6 Quattro: 1998-2011, A7 Quattro: 2012, A8 Quattro: 2004-2010, Allroad Quattro: 2001-2005, Q5: 2009-2012, Q7: 2007-2012, R8: 2008-2012, RS4: 2007-2008, RS6: 2003, S4: 2000-2012, S5: 2008-2012, S6: 2002-2011, S8: 2007-2009, TT: 2000-2009, TT-8J3: 2006, TT-8N3: 1998-2006, TT Quattro: 2000-2013, TT Roadster-8J9: 2007, TT Roadster 8N9: 1999-2006), BMW (345), Porsche (Cayenne), Seat (Altea-5P1: 2004, Cordoba-6K2: 1999-2002, Cordoba-6L2: 2002-2009, Ibiza III-6K1: 1999-2002, Ibiza IV-6L1: 2002-2009, Leon-1M1: 199-2006), Skoda (Fabia: 2006, Fabia 6Y2: 1999-2008, Fabia Combi: 2007, Fabia Combi-6Y5: 2000-2007, Fabia Praktik: 2001-2007, Fabia Saloon-6Y3: 1999-2007, Laura-1Z3: 2004, Octavia 1U2: 1996-2010, Octavia Combi-1U5: 1998-2010, Octavia Combi-1Z5: 2004, Roomster-5J: 2006, Superb Estate: 3T5: 2009), VW (Beetle: 1998-2012, Caddy III Box-2KA, 2KH, 2CA, 2CH: 2004, Caddy III Estate-2KB, 2KJ, 2CB, 2CJ: 2004, CC: 2009-2013, Crafter 30-35 Bus 2E: 2006, Crafter 30-50 Box 2E: 2006, Crafter 30-50 Platform / Chassis 2F, EOS: 2007-2012, EOS-1F7, 1F8: 2006, Fox-5Z1, 5Z3: 2003, Golf: 1999-2012, Golf Plus-5M1, 5Z1: 2005, Golf V-1K1: 2003-2009, Golf V Variant 1K5: 2007, GTI: 2006-2013, Jetta: 1997-2012, Jetta I Saloon-1K2: 2005-2010, LT 28-35 II Bus-2DM: 1996-2006, LT 28-46 II Box-2DXOAE: 1996-2006, LT 28-46 II Platform/Chassis 2DXOFE: 1996-2006, Multivan Mk V-7HM, 7HN, 7EF, 7EM, 7EN: 2003, New Beetle-9C1, 1C1: 1998, New Beetle Convertible-1Y7: 2002-2010, Passat: 1998-2012, Passat-3B3: 2000-2005, Passat-3C2: 2005, Passat Variant-3B6: 2000-2005, Passat Varian 3C5: 2005, Polo-9N: 2001, Polo Saloon: 2002, R32: 2008, Rabbit: 2006-2009, Tiguan: 2009, Touareg: 2004-2012, Touran-1T1, 1T2, 1T3: 2003, Transporter/Caravelle MK V Bus-7HB, 7HJ, 7EB, 7EJ, 7EF: 2003, Transporter MK V Box-7HA, 7HH, 7EA, 7EH: 2003, Transporter MK V Platform/Chassis-7JD, 7JE, 7JL, 7JY, 7JZ: 2003)
10	BMW (3-E30: 1982-1992, 3-E36: 1990-1998, 3-E46: 1998-2005, 3-E90: 2005, 3 Compact-E36: 1994-2000, 3 Compact-E46: 2001-2005, 3 Convertible-E30: 1985-1993, 3 Convertible-E36: 1993-1999, 3 Convertible-E46: 2000, 3 Coupe-E36: 1992-1999, 3 Coupe-E-46: 1999, 3 Touring-E30: 1987-1994, 3 Touring-E36: 1995-1999, 3 Touring-E46: 1999-2005, 3 Touring-E91: 2005, 5-E28: 1980-1990, 5-E34: 1987-1995, 5-E39: 1995-2003, 5-E60: 2003, 5 Touring-E34: 1991-1997, 5 Touring-E39: 1997-2004, 7-E23: 1977-1986, 7-E32: 1986-1994, 7-E38: 1994-2001, 7 E65, E66: 2001, 8-E31: 1990-1999, X3-E83: 2004, X3-E53: 2000, Z3-E36: 1995-2003, Z3 Coupe-E36: 1997-2003, Z4-E85: 2003, Z4 Coupe-E86: 2006, Z8-E53: 2000-2003, Brilliance 3 Series-E46: 2003-2005, Brilliance 3 Series-E90: 2004), Landrover (Freelander-LN: 1998, Range Rover III-LM: 2002)
11	Audi (1975-1993: w/ male thread on expansion tank), VW (1975-1993: w/ male thread on expansion tank, Golf: 1983-1992, Cabriolet: 1985-1993, Dasher: 1980-1981, Fox: 1987-1993, Golf: 1985-1990, Jetta: 1980-1990, Quantum: 1980-1988, Rabbit: 1975, Rabbit Convertible: 1980-1984, Scirocco: 1975-1988)

