

MATCO TOOLS



FOR COOLING SYSTEM ADAPTERS AND COOLING SYSTEM TOOLS

APPLICATION GUIDE AND PARTS LIST



MODEL RPT103
Cooling System Pressure Tester



MODEL MPT100CG
Coolant Guard and Pressure Tester
CHANGE A COMPONENT WITH-OUT DRAINING THE SYSTEM.

COOLING SYSTEM REFILLERS:



MODEL MCR103A
For use with positive fit adapters



MODEL MCR103U
No Adapters Necessary!

MODEL APC102
SHOP AIR POWERED
COOLING SYSTEM
PRESSURE TESTER

(Pump available
separately,
part number
MPT5001-1)



MATCO TOOLS
STOW, OH 44224-9978

MCR303T Cooling System Refiller for Large Trucks



- New vacuum generator creates higher vacuum more quickly
- Enlarged passages & valves help to move coolant faster.
- Longer hose accommodates height of trucks
- Larger diameter hose increases fluid transfer speed
- Faster, more complete fill

**See page 20
(back cover)
for parts diagram**

MPT8001:

8 Piece Cooling System Adapter Set for Large Truck

This updated set includes the following adapters:

(back row, left to right) **MPT10084P, MPT10025P, MPT0010, MPT10027P**

(front row, left to right) **A4505B, MPT10058P, MPT10054P, TA50.**

MPT10084P is used to test 2015 and later Kenworth trucks, models T270 and T370.

MPT10025P is used on some Volvo trucks with a 45mm x 3mm threaded filler neck.

MPT0010 is used to test some 2007 and later Freightliner, Kenworth and Peterbilt trucks.

MPT10027P is used to test Volvo trucks with a 63mm x 3mm threaded filler neck.

A4505B is used to test trucks with a "B" size 2 11/16" OD filler neck.

MPT10058P is used to test the Sprinter Van (Mercedes/Freightliner/Dodge).

MPT10054P is used to test Freightliners with a 60mm x 3mm threaded filler neck.

TA50 is used to test Volvo and Mack trucks with a

48mm x 3mm threaded filler neck.

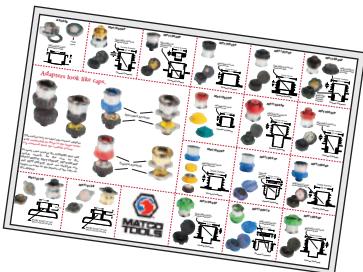
Plastic case available separately #OSMPT8001PB



**MPT17000:**

An excellent display case including all adapters necessary for testing passenger vehicle cooling systems through 2015. Designed for the Matco Distributor. Includes 17 adapters in a plastic display case containing: MPT10128, MPT10138, MPT0022, MPT0025, MPT0031, MPT0034, MPT0036, MPT0041, MPT0044, MPT0046, MPT0048, MPT0052, MPT0056, MPT0245, MPT0345, MPT0445, A4503B.

Plastic case available separately as part #OSMPT17000PB



→ **Laminated adapter application sheet included with both the MPT17000 and MTP14000P.**

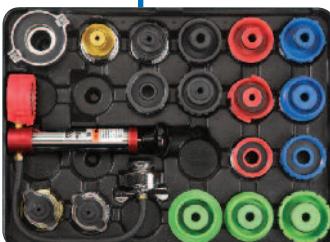
- FITS RIGHT INSIDE THE CASE -

MPT14000P:

Designed as an add-on for the RPT101/RPT102. Carrying case comes with 14 composite cooling system adapters. When added to the RPT101/RPT102 with its pump and 3 adapters, the combination will pressure test the cooling systems of all modern cars and light trucks through 2015.

Pump and adapters fit into the case as shown on the right. Includes the following 14 adapters:

MPT10022P, MPT10025P,
MPT10031P, MPT10034P,
MPT10041P, MPT10044P,
MPT10046P, MPT10048P,
MPT10052P, MPT10056P,
MPT10245P, MPT10345P,
MPT10445P, and A4503B.

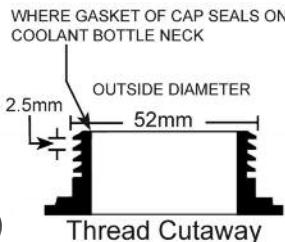


Matco's RPT102 shown stored within the MPT14000P

MPT1C035P



MPT0010



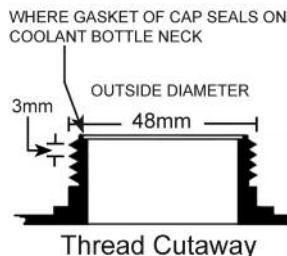
APPLICATION:

Some models of Buick, Cadillac, Chevrolet, Ford, Freightliner, GMC, International, Infiniti, Isuzu, Jaguar, Kenworth, Land Rover, Lincoln, Mazda, Mercedes, Mercury, Nissan, Oldsmobile, Peterbilt and Pontiac.

MPT0022



MPT10022P



MPT1C023P

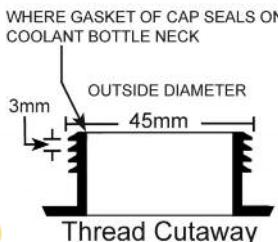
APPLICATION:

AUDI: models with male threads on filler neck
PORSCHE:
Boxster: 1997-2006
Cayman: 2006
911: 1999-current
SMART CAR:
All Models: 2008-current
VOLKSWAGEN: models with male threads on filler neck of radiator or expansion tank

MPT10025P



MPT0025



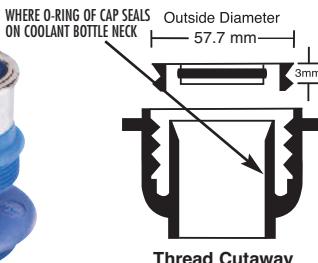
APPLICATION:

FERRARI/MASERATI: most models 2000-current
JEEP: models with male threads on filler neck (1990-1994)
RENAULT: (1985-1997)
SAAB 900: (1978-1993)
-900 Convertible (1994)
-9000 (1986-1998)
STERLING: (1987-1991)
VOLVO: most models with threaded filler neck through 2008 (see page 17)

MPT0031



MPT10031P



MPTC030

APPLICATION:

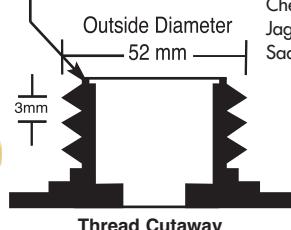
VOLKSWAGEN:
models with female threads on filler neck 1990-1998

MPT0034



MPT10034P

WHERE GASKET OF CAP SEALS ON COOLANT BOTTLE NECK



MPT1C047P

APPLICATION:

Some models of Cadillac, Chevrolet, Daewoo, Ford, Jaguar, Land Rover, Pontiac, Saab, Saturn and Suzuki

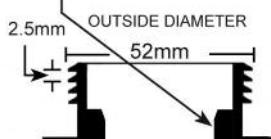
MPT10036P



MPT1C035P



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK



Thread Cutaway

MPT0036

APPLICATION:

Some models of Buick, Cadillac, Chevrolet, Ford, Freightliner, GMC, Hummer, International, Infiniti, Isuzu, Jaguar, Land Rover, Lincoln, Mazda, Mercedes, Mercury, Nissan, Pontiac, Saab, Saturn and Suzuki.

MPT10041P



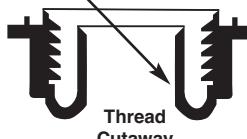
MPT10041

WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK

Outside Diameter

63 mm

3mm



Thread Cutaway

MPT1C040P

MPT1C045P



MPT10044P



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK

Outside Diameter

62 mm

4mm

Thread Cutaway

MPT0044

APPLICATION:

AUDI: Most models with female threads on filler neck 2000-current

BENTLEY: 2006-current

LAMBORGHINI: 2006-current

PORSCHE:

Boxster 2007-2013

Cayenne 2003-2013

Cayman 2007-2011

Macan 2015-current

Panamera 2010-current

VW: Most Models 1998 & newer

APPLICATION:

MERCEDES-BENZ: with threaded filler neck on expansion tank (except M-class, 1998-2005)
(see page 15)

CHRYSLER: Crossfire 2004-2008

MPT1C047P

MPT10046P



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK

Outside Diameter

52 mm

3mm

Thread Cutaway

MPT0046

APPLICATION:

Some models of Aston Martin, Ford, Jaguar and Mazda.



MPT1C049P



MPT10048P

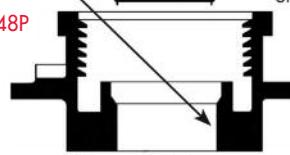
WHERE GO-RING OF CAP SEALS ON COOLANT BOTTLE NECK

OUTSIDE DIAMETER

34mm

(cap)

3mm



Thread Cutaway

MPT0048

APPLICATION:

LEXUS: LS 2007-current

TOYOTA: Celica 2000-2005
Spyder (MR2) 2000-2005
RAV 4 2009-current

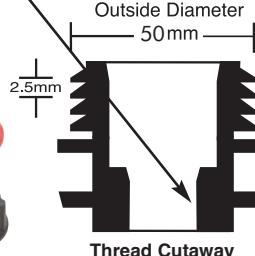
Hybrid Synergy Drive Cooling System:
Prius 2004-current
Camry 2007-current
Highlander 2006-current

SCION: XB, 2008-2015

MPT0052



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

ASTON MARTIN

6.0 L, V-12 2015-current

FORD:

Escape 2013-current

F-150 2015-current

Fiesta 2011-current

Focus 2012-current

Fusion 2013-current

Mustang V-8 2015-current

LAND ROVER:

LR-2 2008-current

Range Rover

Evoque 2012-current

MAZDA:

Mazda 3 2004-current

VOLVO:

Most Models 2004-current

MPT1C053P

MPT10052P

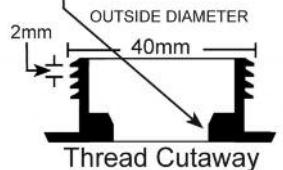
MPT0056



MPT10056P



WHERE GASKET OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

CHEVROLET:

Cobalt SS 2005-2007

(Supercharger

Cooling System)

Volt 2012- (Battery &

Electric Motor)

SATURN:

Ion Redline 2004-2007

(Supercharger

Cooling System)

CADILLAC:

STS, CTS, ATS 2006-2010

(Supercharger

Cooling System)

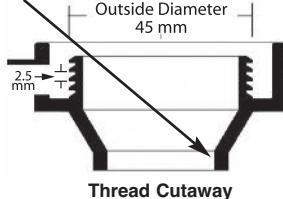
MPT0058



MPT10058P



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

DODGE:

Sprinter Van 2007-2010

FREIGHTLINER

Sprinter Van 2008-current

MERCEDES

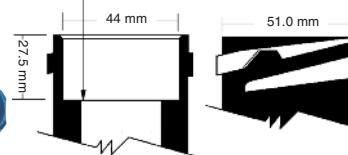
Sprinter Van 2011-current

MPT1C059P

MPT0060



WHERE GASKET OF CAP MEETS RADIATOR NECK



APPLICATION:

PORSCHE:

Boxster: 2006-2012

Caymen: 2006-2012

(Non-pressure relieving cap located in luggage compartment of vehicle).

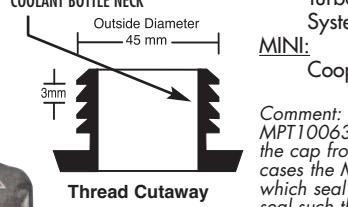
MPT0063



MPT10063P



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

BMW:

Turbocharger Cooling Systems (all)

MINI:

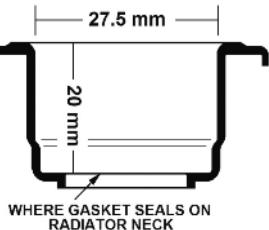
Cooper 2002-current

Comment: The MPT0063 and MPT10063P seal with an o-ring just like the cap from the system they test. In most cases the MPT0025 and MPT10025P, which seal on the top rim will adequately seal such that pressure testing can be accomplished.

**KTM
MOTORCYCLES
BAYONET STYLE
ADAPTER**



MPT10067R



**KTM
MOTORCYCLES
THREADED
ADAPTER**

MPT10069P



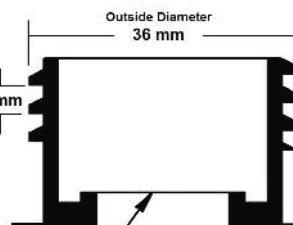
WHERE GASKET
OF CAP SEALS ON
RADIATOR NECK

OUTSIDE DIAMETER
29.75 mm

4 mm

**APRILIA
MOTORCYCLES
THREADED
ADAPTER**

MPT10070P



WHERE GASKET SEALS ON
COOLANT SYSTEM NECK

MPT10072P

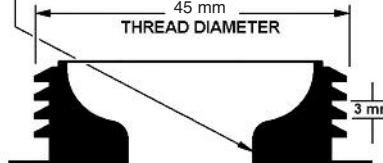


MPT1C026P



WHERE GASKET OF CAP SEALS ON
COOLANT BOTTLE NECK

THREAD DIAMETER



Comment: The MPT10072P seals with an o-ring just like the cap from the system it tests. In most cases, the MPT0025 and MPT10025P, which seal on the top rim will adequately seal such that pressure testing can be accomplished.

APPLICATION:

ALFA ROMEO:
Some models with
threaded filler necks

FERRARI:

2015-current

FIAT:

Model 500; Some
versions with
threaded filler necks

DODGE:

ProMaster

2015-current

MASERATI:

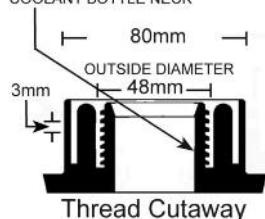
Ghibli S Q4

2015-current



MPT10074P

WHERE O-RING OF CAP SEALS ON
COOLANT BOTTLE NECK



APPLICATION:

BENTLEY

Some Models

VOLKSWAGEN

Sharan (EU)

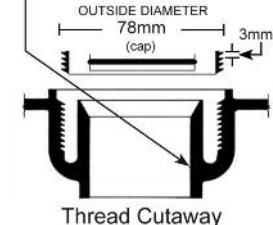
Phaeton 2004-2006 (US)



MPT10078P



WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

PORSCHE

Boxster 2015-current
Cayman 2014-current
(Found in luggage compartment)



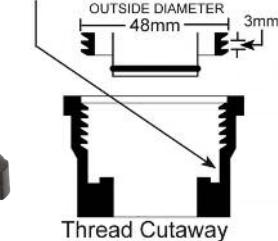
MPT10086P



MPT1C087P



WHERE GASKET OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

HYUNDAI

Tucson 2016-current
KIA
Sportage 2016-current

MPT0092



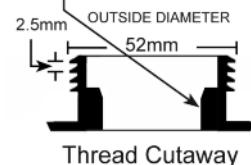
MPT10092P

"Image Coming Soon!"



NOTE: THIS ADAPTER HAS LEFT-HANDED THREAD

WHERE O-RING OF CAP SEALS ON COOLANT BOTTLE NECK



APPLICATION:

CHEVROLET DURAMAX

Engine 2017-current

MPT0245



MPT1C047P



MPT10245P



MPTC246



WHERE GASKET OF CAP SEALS ON COOLANT BOTTLE NECK

Outside Diameter

52 mm

3mm

Thread Cutaway

APPLICATION:

BMW: models with threaded filler necks (up to 1987)

325: up to 1991

525: up to 1993

MERKUR SCORPIO: (1987-1989)

Comments:

Rubber gasket

seals on "shelf" inside expansion tank neck



MPT0345



MPT10345P



WHERE GASKET OF CAP SEALS ON COOLANT BOTTLE NECK

OUTSIDE DIAMETER

52mm

4mm

Thread Cutaway

APPLICATION:

BMW:

most models 1988-2008

LAND ROVER:

Some models with male threads on filler neck

(see page 15)

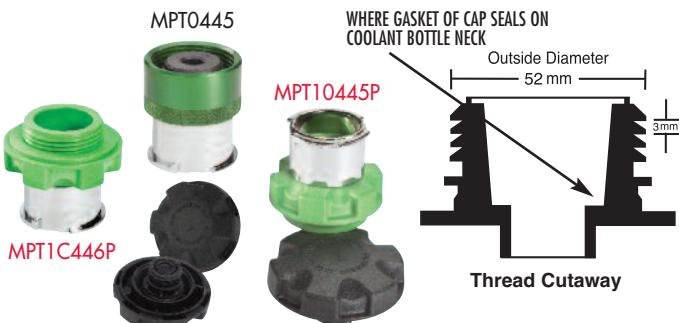
Discovery 1999-2004

Range Rover 1996-2006

Comments:

Rubber gasket

seals on "shelf" inside expansion tank neck



APPLICATION:
BMW:
(most models, 2007-current)
3-Series 2006-current
5-Series 2005-current
6-Series 2005-current
X3 2009-current
X5 2009-current
X6 2008-current

FORKLIFTS - MOTORCYCLES - TOYOTA SIENNA VAN

Remote adapter allows pressure pump or vacuum refiller to be installed in various low overhead applications.

Most motorcycles, including the Harley Davidson liquid cooled models, use this configuration



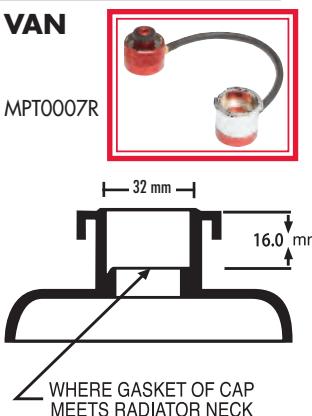
MPTC007

MPT10128



ROUNDED EARS

MPT0007R

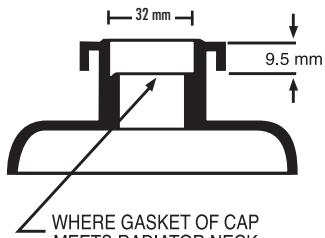


WHERE GASKET OF CAP MEETS RADIATOR NECK

MPT10138



SQUARE EARS



WHERE GASKET OF CAP MEETS RADIATOR NECK

Comments: The MPTC007/MPT0007/MPT10128 and the MPTC008/MPT0008/MPT10138 have applications too numerous to list here. See Application Guide pp 12-17. These adapter sets are quite similar, but the MPTC007/MPT0007/MPT10128 is a deeper neck than the MPTC008/MPT0008/MPT10138. See drawings above, right.

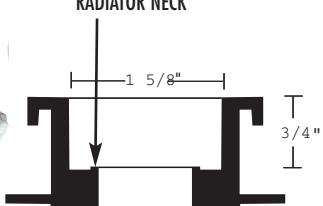
Note: MPT10128 & MPT10138 are shaped to resemble caps from the system to be tested.



MT0004

WHERE GASKET OF CAP MEETS RADIATOR NECK

MT0204



APPLICATION:

Most passenger vehicles through the mid 1980's have this radiator neck and many still do today. This is the configuration onto which the pump attaches directly.

For Necks 1" deep use 1/4" thick MT0006 spacer washer to compensate.

LARGE TRUCKS / BUSES / HEAVY EQUIPMENT



MPT10022P



WHERE GASKET OF CAP SEALS ON
COOLANT BOTTLE NECK

OUTSIDE DIAMETER
3mm 48mm

Thread Cutaway

APPLICATION:

MACK TRUCKS:

2008 and later with
48mm x 3mm threads
on filler neck

VOLVO:

Large Trucks with
48mm x 3mm male
thread on filler neck

MPT0027



MPT10027P



WHERE GASKET OF CAP SEALS ON
COOLANT BOTTLE NECK

Outside Diameter
63mm

3mm

Thread Cutaway

APPLICATION:

VOLVO:

Large Trucks with
63mm x 3mm
thread on filler neck

MPT0054



MPT10054P



WHERE GASKET OF CAP SEALS ON
COOLANT BOTTLE NECK

OUTSIDE DIAMETER
3mm 60mm

Thread Cutaway

APPLICATION:

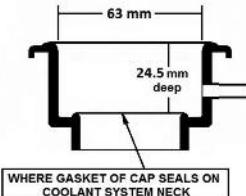
FREIGHTLINER:

Trucks with
60mm x 3mm male
thread on filler neck

LARGE TRUCKS / BUSES / HEAVY EQUIPMENT / INDUSTRIAL



MPT10076
Note: Cap and
adapter have 3 tabs

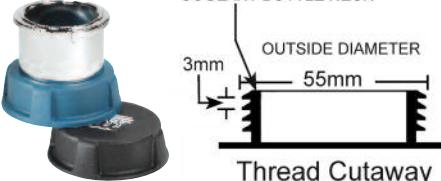


APPLICATION:
LIEBHERR CRANE:
Some models
VAN HOOL BUS:
Some models



MPT10084P

WHERE GASKET OF CAP SEALS ON
COOLANT BOTTLE NECK



APPLICATION:
KENWORTH:
2015-current
T270
T370



Note:
Cap and adapter
have 3 tabs



MPT0090



WHERE GASKET OF CAP SEALS ON
COOLANT BOTTLE NECK



APPLICATION:
INDUSTRIAL
APPLICATIONS:
With a 84mm neck

Thread Cutaway

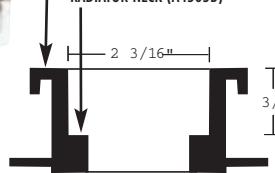


MPT0450 PART #MPT0450:
Type cap Truck adapter kit for trucks with
"B" size 2 11/16" O.D. filler neck



WHERE GASKET OF CAP MEETS
RADIATOR NECK (A4503B)

WHERE GASKET OF CAP MEETS
RADIATOR NECK (A4505B)



A4503B



PART #A4503B: GM adapter kit
tests pressure
on "closed cooling systems" on
GM 2.5L "X" body cars and
1.8L "J" body cars

All non-stockading adapters are available through Matco special order. Use "OS" prefix when ordering.

COOLING SYSTEM ADAPTERS

Make/Model/Year	Cooling System Adapter	Cap Adapter	Make/Model/Year	Cooling System Adapter	Cap Adapter
ACURA					
Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007	X5	MPT0345/MPT10345P	MPTC346/MPT1C346P
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008	2000-2008	MPT0445/MPT10445P	MPTC446/MPT1C446P
ALFA ROMEO					
4C 2014-current	MPT10072P*	MPT1C026P	Turbocharger Cooling Sys (all)	MPT0063/MPT10063P▲	MPT1C026P
Giulia 2016-current	MPT10072P*	MPT1C026P	X6	MPT0445/MPT10445P	MPTC446/MPT1C446P
Giulietta 2014-current	MPT10072P*	MPT1C026P	Turbocharger Cooling Sys (all)	MPT0063/MPT10063P▲	MPT1C026P
Mito 2014-current	MPT10072P*	MPT1C026P	Z3	MPT0345/MPT10345P	MPTC346/MPT1C346P
ASTON MARTIN			Z4	MPT0345/MPT10345P	MPTC346/MPT1C346P
6.0 L, V-12 2015-current	MPT0052/MPT10052P	MPT1C035P	2009-current	MPT0445/MPT10445P	MPTC446/MPT1C446P
Various Models 2005-current	MPT0046/MPT10046P	MPT1C047P	Z8	MPT0345/MPT10345P	MPTC346/MPT1C346P
Vantage V-8 2013-current	MPT0046/MPT10046P	MPT1C047P			
AUDI					
Models with male threads on filler neck of exp. tank	MPT0022/MPT10022P	MPTC023/MPT1C023P	BUICK		
Models with female threads on filler neck of exp. tank	MPT0041/MPT10041P	MPTC040/MPT1C040P	All Models w/male threads on filler neck except as noted below	MPT0036/MPT10036P	MPTC037/MPT1C035P
BLUEBIRD BUS			Roadmaster	MPT0036/MPT10036P**	MPTC010/MPT1C035P
Late model Thomas Built buses	MPT0036/MPT10036P	MPTC037/MPT1C035P	Skyhawk		
BMW			1982-1987 1.8L & 2.0L	A4503B	
Most models with threaded filler neck			Skylark	A4503B	
Up to 1987	MPT0245/MPT10245P	MPTC246/MPT1C047P	1982-1988 2.5L	A4503B	
1988-2008	MPT0345/MPT10345P	MPTC346/MPT1C346P	1992-1998	MPT0036/MPT10036P**	MPTC010/MPT1C035P
2009-current	MPT0445/MPT10445P	MPTC446/MPT1C446P	Somerset	A4503B	
Model 325 1988-1991	MPT0245/MPT10245P	MPTC246/MPT1C047P			
Model 535 1989-1993	MPT0245/MPT10245P	MPTC246/MPT1C047P	CADILLAC		
1 Series 2008-current	MPT0445/MPT10445P	MPTC446/MPT1C446P	All Models w/male threads on filler neck except as noted below	MPT0036/MPT10036P	MPTC037/MPT1C035P
3 Series 1990-2006	MPT0345/MPT10345P	MPTC346/MPT1C346P	Catera	MPT0034/MPT10034P	MPTC246/MPT1C047P
2006-current	MPT0445/MPT10445P	MPTC446/MPT1C446P	Fleetwood	MPT0036/MPT10036P**	MPTC010/MPT1C035P
5 Series 1989-2004	MPT0345/MPT10345P	MPTC346/MPT1C346P	Seville	MPT0036/MPT10036P**	MPTC037/MPT1C035P
2005-current	MPT0445/MPT10445P	MPTC446/MPT1C446P	STS,CTS, ATS		
Turbocharger Cooling Sys (all)	MPT0063/MPT10063P▲	MPT1C026P	2005-2010		
6 Series 2004-current	MPT0445/MPT10445P	MPTC446/MPT1C446P	Engine Cooling System	MPT0036/MPT10036P	MPTC037/MPT1C035P
Turbocharger Cooling Sys (all)	MPT0063/MPT10063P▲	MPT1C026P	Supercharger Cooling System	MPT0056/MPT10056P	MPTC057
7 Series 1994-2008	MPT0345/MPT10345P	MPTC346/MPT1C346P	CHEVROLET		
2008-current	MPT0445/MPT10445P	MPTC446/MPT1C446P	All Models w/ male threads on filler neck except as noted below	MPT0036/MPT10036P	MPTC037/MPT1C035P
Turbocharger Cooling Sys (all)	MPT0063/MPT10063P▲	MPT1C026P	Aveo	MPT0034/MPT10034P	MPTC246/MPT1C047P
X1 2009-2011	MPT0345/MPT10345P	MPTC346/MPT1C346P	Beretta	MPT0010/MPT10036P**	MPTC010/MPT1C035P
X3 2004 - 7/2009- 7/2009-current	MPT0345/MPT10345P	MPTC346/MPT1C346P	Caprice	MPT0010/MPT10036P**	MPTC010/MPT1C035P
	MPT0445/MPT10445P	MPTC446/MPT1C446P	Cavalier	MPT0010/MPT10036P**	MPTC010/MPT1C035P

*MPT0025/MPT10025P may also work.

▲ MPT0063/MPT10063P seals the same way the radiator cap seals but the MPT0025/MPT10025P will work in most applications.

* * If MPT0036/MPT10036 "Stem" with O-ring does not fit, MPT0010 may be required.

All non-stocking adapters are available through Matco special order. Use "OS" prefix when ordering.

Cooling System Adapters

Make/Model/Year	Cooling System Adapter	Cap Adapter
CHEVROLET - CONTINUED		
Citation 1982-1985 2.5L	A4503B	
Cobalt 2005-2010 Engine Cooling System Supercharger Cooling System	MPT0036/MPT10036P MPT0056/MPT10056P	MPTC037/MPT1C035P MPTC057/MPT1C057P
Corsica 1992-1996	MPT0036/MPT10036P**	MPTC010/MPT1C035P
Duramax (L5P diesel) engine 2017-current	MPT0092/MPT10092P▲ MPT0036/MPT10036P▲▲	MPT1C035P
Impala 1994-1996 2004-current	MPT0036/MPT10036P** MPT0036/MPT10036P	MPTC010/MPT1C035P MPTC037/MPT1C035P
Lumina 1990-1992	A4503B	
Malibu 1997-1998 1999-current	MPT0010/MPT10036P** MPT0036/MPT10036P	MPTC010/MPT1C035P MPTC037/MPT1C035P
Metro 1998-2001	MPT0008/MPT10138	MPTC008
Nova 1985-1988	MPT0007/MPT10128	MPTC007
Prizm 1998-2002	MPT0008/MPT10138	MPTC008
Spectrum 1985-1989	MPT0007/MPT10128	MPTC007
Sprint 1985-1988	MPT0007/MPT10128	MPTC007
Tracker 1998-2004	MPT0008/MPT10138	MPTC008
Volt 2012-current Electric Motor Battery System Gasoline Engine	MPT0056/MPT10056P MPT0056/MPT10056P MPT0036/MPT10036P	MPTC057/MPT1C057P MPTC057/MPT1C057P MPTC037/MPT1C035P
CHRYSLER/DODGE/EAGLE/PLYMOUTH		
200 2015-current	MPT0036/MPT10036P	MPTC037/MPT1C035P
2000GTX 1989-90	MPT0007/MPT10128	MPTC007
Avenger 1995-1999	MPT0007/MPT10128	MPTC007
Colt 1984-1993 1992-1994 (some models)	MPT0007/MPT10128 MPT0008/MPT10138	MPTC007 MPTC008
Conquest 1984-1989	MPT0007/MPT10128	MPTC007
Crossfire 2004-2008	MPT0044/MPT10044P	MPTC045/MPT1C045P
Dart 2013-2016	MPT0036/MPT10036P	MPTC037/MPT1C035P
Laser/Talon 1990-1998	MPT0007/MPT10128	MPTC007
Pacifica 2017-current	MPT0036/MPT10036P	MPT1C037P
Promaster 2014-current	MPT10072P*	MPT1C026P
RAM 50 Pickup 1987-1993	MPT0007/MPT10128	MPTC007
Ram Series Pick-up 2013-(6 cyl., Diesel)	MPT0036/MPT10036P	MPTC037/MPT1C035P
Sebring 2003-2005 6c 3.0L & 4c 2.4L 2001, 2002, 2006-	MPT0008/MPT10138 none	MPTC008 MTO204

▲ Non pressure relieving ▲▲ Pressure relieving

Make/Model/Year	Cooling System Adapter	Cap Adapter
CHRYSLER/DODGE/EAGLE/PLYMOUTH		
Sprinter Van 2007-2010	MPT0058/MPT10058P	MPTC059
Stealth 1991-1996	MPT0007/MPT10128	MPTC007
Stratus (3.0 liter only) 2001-2006	MPT0008/MPT10138	MPTC008
Summit 1989-1992 1992-1996	MPT0007/MPT10128 MPT0008/MPT10138	MPTC007 MPTC008
Talon 1990-1998	MPT0007/MPT10128	MPTC007
DAEWOO		
All 1999-2002	MPT0034/MPT10034P	MPTC246/MPT1C047P
FERRARI		
Most Models 2000-current	MPT0025/MPT10025P	MPTC026/MPT1C026P
FIAT		
500 2015-current	MPT10072*	MPT1C026P
FORD/LINCOLN/MERCURY		
All Models w/male threads on filler neck except as noted below	MPT0036/MPT10036P**	MPTC010/MPT1C035P
Aspire 1994-1997	MPT0007/MPT10128	MPTC007
C-Max 2013-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
Contour/Mystique 1995-1997 1998-2000	MPT0034/MPT10034P MPT0046/MPT10046P	MPTC246/MPT1C047P MPTC047/MPT1C047P
Cougar 1989-1992 1993-1997 V6 1993-1997 V8	MPT0007/MPT10128 MPT0007/MPT10128 MPT0036/MPT10036P**	MPTC007 MPTC007 MPTC010/MPT1C035P
Edge 2015-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
Escape 2001-2012 2013-current	MPT0046/MPT10046P MPT0052/MPT10052P	MPTC047/MPT1C047P MPTC053/MPT1C053P
Escort/Tracer 1991-2012	MPT0007/MPT10128	MPTC007
Explorer/Mountaineer/Aviator 1995-2002 2002-current	MPT0007/MPT10128 MPT0036/MPT10036P**	MPTC007 MPTC010/MPT1C035P
F-150 Pickup 2015-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
Festiva 1988-1993	MPT0007/MPT10128	MPTC007
Fiesta 2011-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
Focus 2000-2004 2005-2007 2008-2011 2012-current	MPT0034/MPT10034P MPT0036/MPT10036P** MPT0007/MPT10128 MPT0052/MPT10052P	MPTC246/MPT1C047P MPTC010/MPT1C035P MPTC007 MPTC053/MPT1C053P
Fusion/MKZ 2013-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
LS 2002-2006	MPT0034/MPT10034P	MPTC246/MPT1C047P
MKC 2015-current	MPT0052/MPT10052P	MPTC053/MPT1C053P

*MPT0025/MPT10025P may also work.

** If MPT0036/MPT10036 "Stem" with O-ring
does not fit, MPT0010 may be required.

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COOLING SYSTEM ADAPTERS

Make/Model/Year	Cooling System Adapter	Cap Adapter	Make/Model/Year	Cooling System Adapter	Cap Adapter
FORD/LINCOLN/MERCURY - CONTINUED					
Mustang			HUMMER		
V8, 1996-current	MPT0036/ MPT10036P **	MPTC010/ MPT1C035P	All models with male threads on filler neck	MPT0036/ MPT10036P	MPTC037/ MPT1C035P
V6, 1997-2004	MPT0007/MPT10128	MPTC007			
V6, 2005-current	MPT0036/ MPT10036P **	MPTC010/ MPT1C035P			
V8, 2015-current	MPT0052/ MPT10052P	MPTC053/ MPT1C053P			
Probe			HYUNDAI		
1989-1997	MPT0007/MPT10128	MPTC007	All models		
Ranger Pickup			1987-current	MPT0007/MPT10128	MPTC007
1995-(non threaded neck)	MPT0007/MPT10128	MPTC007	Tucson		
2002-current	MPT0036/ MPT10036P **	MPTC010/ MPT1C035P	2016-current	MPT10086P	MPT1C087P
Super Duty Pick-up expansion tank					
2012-current	MPT0036/ MPT10036P **	MPTC037/ MPT1C035P			
Tempo/Topaz			INDUSTRIAL		
1992-1994	MPT0007/MPT10128	MPTC007	Various industrial applications (see page 11 for specs)	MPT10090	
Thunderbird					
1989-1993 (All)	MPT0007/MPT10128	MPTC007	INTERNATIONAL		
1994-1997 (V6)	MPT0007/MPT10128	MPTC007	466 Engine with male threads on filler neck		
1994-1997 (V8)	MPT0036/ MPT10036P **	MPTC010/ MPT1C035P	1994-1998	MPT0010	MPTC010/ MPT1C035P
2002-2004 (V8)	MPT0036/ MPT10036P **	MPTC010/ MPT1C035P			
Transit Connect			INFINITI		
2010-2012	MPT0034/ MPT10034P	MPTC246/ MPT1C047P	All Models with Non-Threaded Small Cooling System Caps (see page 9)		
2013-current	MPT0052/ MPT10052P	MPTC053/ MPT1C053P	QX30	MPT0007/MPT10128	MPTC007
Villager			2017-current	MPT0044/MPT10044P	MPT1C045P
1993-2002	MPT0007/MPT10128	MPTC007			
Windstar			QX56	MPT0036/ MPT10036P **	MPTC010/ MPT1C035P
1995-2000	MPT0007/MPT10128	MPTC007	2004-2009	MPT0007/MPT10128	MPTC007
2000-2003	MPT0036/ MPT10036P	MPTC010/ MPT1C035P	2010-current		
ZX2					
2001-2003	MPT0007/MPT10128	MPTC007			
FREIGHTLINER					
Trucks with:			ISUZU		
60mm x 3mm male thread	MPT0054/ MPT10054P		All models except as noted below		
52mm x 2.5mm male thread			1985-2009	MPT0007/MPT10128	MPTC007
2007-Cascadia	MPT0010	MPTC010/ MPT1C035P			
2002- Century, Columbia	MPT0036/ MPT10036P	MPTC037/ MPT1C035P			
GEO					
Metro			Amigo		
1989-1994	MPT0007/MPT10128	MPTC007	1999-2000 (L-4 only)	MPT0008/MPT10138	MPTC008
1995-1998	MPT0008/MPT10138	MPTC008			
Prizm			Ascender		
1989-1992	MPT0007/MPT10128	MPTC007	2002-2009	MPT0036/ MPT10036P	MPTC037/ MPT1C035P
1993-2002	MPT0008/MPT10138	MPTC008			
Storm			i280		
1990-1993	MPT0007/MPT10128	MPTC007	2006	MPT0036/ MPT10036P	MPTC037/ MPT1C035P
Tracker			i290		
1989-1993	MPT0007/MPT10128	MPTC007	2007-2008	MPT0036/ MPT10036P	MPTC037/ MPT1C035P
1994-2004	MPT0008/MPT10138	MPTC008			
GMC					
All Models with male threads on filler neck	MPT0036/ MPT10036P	MPTC037/ MPT1C035P	i350		
			2006	MPT0036/ MPT10036P	MPTC037/ MPT1C035P
HONDA					
Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007	i370		
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008	2007-2008	MPT0036/ MPT10036P	MPTC037/ MPT1C035P
			Oasis		
			1996-1999	MPT0008/MPT10138	MPTC008
			Rodeo		
			1998-2003 (L-4 only)	MPT0008/MPT10138	MPTC008
JAGUAR					
All Models with male threads on filler neck			XE		
			1990-1994	MPT0034/ MPT10034P	MPTC246/ MPT1C047P
			F-type		
			2013-current	MPT0036/ MPT10036P **	MPTC037/ MPT1C035P
			XE		
			2015-current	MPT0010	MPT1C035P
			XF		
			2009-current	MPT0036/ MPT10036P **	MPTC037/ MPT1C035P
			XJ		
			2009-current	MPT0010	MPT1C035P
			XJ8		
			1998-2003	MPT0046/ MPT10046P	MPTC047/ MPT1C047P
			2004-2009	MPT0036/ MPT10036P **	MPTC037/ MPT1C035P
			XK8		
			1997-2004, 2006	MPT0046/ MPT10046P	MPTC047/ MPT1C047P
			S-Type		
			2002-2008	MPT0036/ MPT10036P **	MPTC037/ MPT1C035P
			X-Type		
			2002-2009	MPT0034/ MPT10034P	MPTC246/ MPT1C047P

**If MPT0036/[MPT10036P](#) "Stem" with O-ring does not fit, MPT0010 may be required.

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COOLING SYSTEM ADAPTERS

Make/Model/Year	Cooling System Adapter	Cap Adapter
JEEP		
Models with male threads on filler neck 1987-1990	MPT0025/MPT10025P	MPTC026/MPT1C026P
Cherokee 2014-current	MPT0036/MPT10036P	MPTC037/MPT1C035P
Renegade 2015-current	MPT0036/MPT10036P	MPTC037/MPT1C035P
JOHN DEERE TRACTORS		
Most model #'s over 3000 with 48mm O.D. male threads on filler neck	MPT0022/MPT10022P	MPTC023/MPT1C023P
Most model #'s over 3000 with 52mm O.D. male threads on filler neck	N/A - consult factory	N/A
KENWORTH TRUCKS		
Some Models 2007-current T270, T370 2015-current	MPT0010 MPT10084P	MPTC010/MPT1C035P
KIA		
Models with 16mm deep filler neck, see page 9 Sportage 2016-current	MPT0007/MPT10128 MPT10086	MPTC007 MPT1C087P
LAND ROVER		
Defender 1993-1995, 1997		
Discovery 1998 1999-2004	MPT0034/MPT10034P MPT0345/MPT10345P	MPTC246/MPT1C047P MPTC346/MPT1C346P
Freelander 2002-current	MPT0025/MPT10025P	MPTC026/MPT1C026P
LR2 2008-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
LR3 2005-2009	MPT0036/MPT10036P	MPTC010/MPT1C035P
LR4 2010-current	MPT0036/MPT10036P	MPTC010/MPT1C035P
Range Rover 1988-1994 1995-2005 2006-current	MPT0034/MPT10034P MPT0345/MPT10345P MPT0036/MPT10036P	MPTC246/MPT1C047P MPTC346/MPT1C346P MPTC010/MPT1C035P
Range Rover EVOQUE 2012-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
LEXUS		
Models with 16mm deep filler neck, see page 9 Models with 9.5mm deep filler neck, see page 9	MPT0007/MPT10128 MPT0008/MPT10138	MPTC007 MPTC008
GS 460 2008-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
HS 250h 2010-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
IS F 2008-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
LS 2007-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
NX200T 2015-current	MPT0048/MPT10048P	MPTC049/MPT1C049P

*MPT0025/MPT10025P may also work.

Make/Model/Year	Cooling System Adapter	Cap Adapter
LIEBHERR CRANE		
Some Models	MPT10076	
MACK TRUCK		
Late models with male threads on filler neck	TA50/MPT10022P	MPT1C023P
MASERATI		
Most Models 2000-current	MPT0025/MPT10025P	MPTC026/MPT1C026P
Ghibli S Q4 2015-current	MPT10072P*	MPT1C026P
MAZDA		
Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008
Models with Threaded Caps:		
B 2300 Pickup 1994-1997	none	MTO204
2001-2009	MPT0036/MPT10036P	MPTC037/MPT1C035P
Tribute 2001-2011	MPT0046/MPT10046P	MPTC047/MPT1C047P
Mazda 3 2004-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
Mazda 6 2003-current	MPT0036/MPT10036P	MPTC037/MPT1C035P
MERCEDES		
Models with threaded neck except as noted	MPT0044/MPT10044P	MPTC045/MPT1C045P
M-Class with threaded neck 1998-2005	MPT0036/MPT10036P	MPTC037/MPT1C035P
M-Class 2006-current	MPT0044/MPT10044P	MPTC045/MPT1C045P
Sprinter Van 2011-current	MPT0058/MPT10058P	MPT0059/MPT1C059P
MERKUR		
Scorpio 1987-1989	MPT0245/MPT10245P	MPTC246/MPT1C047P
MINI		
Cooper S Model 2002-current	MPT0063/MPT10063P	MPT1C026P
MITSUBISHI		
Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008
NISSAN		
All models with non-threaded small cooling system caps 1987-current	MPT0007/MPT10128	MPTC007
Armada/Titan 2004-2009	MPT0036/MPT10036P	MPTC010/MPT1C035P
2010-current	MPT0007/MPT10128	MPTC007

* If MPT0036/MPT10036 "Stem" with O-ring does not fit, MPT0010 may be required.

▲ MPT0063/MPT10063P seals the same way the radiator cap seals but the MPT0025/MPT10025P will work in most applications

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COOLING SYSTEM ADAPTERS

Make/Model/Year	Cooling System Adapter	Cap Adapter	Make/Model/Year	Cooling System Adapter	Cap Adapter
OLDSMOBILE					
Achieva 1992-1998	MPT0036/MPT10036P**	MPTC010/MPT1C035P	911 1999-current	MPT0022/MPT10022P	MPTC023/MPT1C023P
Alero 1999-2004	MPT0036/MPT10036P	MPTC037/MPT1C035P	Boxster/Cayman (3 prong access cap) 2007-2013	MPT0060	
Aurora 1995-1999	MPT0036/MPT10036P**	MPTC010/MPT1C035P	Boxster 1997-2006 2007-2013 2015-current (in luggage compartment)	MPT0022/MPT10022P MPT0041/MPT10041P MPT10078P	MPTC023/MPT1C023P MPTC040/MPT1C040P
Bravada 2002-2004	MPT0036/MPT10036P	MPTC037/MPT1C035P	Cayenne 2003-2013	MPT0041/MPT10041P	MPTC040/MPT1C040P
Cutlass 1997-1998	MPT0036/MPT10036P**	MPTC010/MPT1C035P	Cayman 2006 2007-2011 2014-current (in luggage compartment)	MPT0022/MPT10022P MPT0041/MPT10041P MPT10078P	MPTC023/MPT1C023P MPTC040/MPT1C040P
1999	MPT0036/MPT10036P	MPTC037/MPT1C035P	Macan 2015-current	MPT0041/MPT10041P	MPTC040/MPT1C040P
Intrigue 1999	MPT0036/MPT10036P**	MPTC010/MPT1C035P	Panamera 2010-current	MPT0041/MPT10041P	MPTC040/MPT10041P
2000-2002	MPT0036/MPT10036P	MPTC037/MPT1C035P			
PETERBILT TRUCKS					
Some Models 2007-current	MPT0010	MPTC010/MPT1C035P			
PONTIAC					
Fiero 1984-1988	A4503B				
Firebird 1999-2002	MPT0036/MPT10036P	MPTC037/MPT1C035P			
G3 2009-2010	MPT0034/MPT10034P	MPTC246/MPT1C047P			
G5 2007-2010	MPT0036/MPT10036P	MPTC037/MPT1C035P			
G6 2005-2010	MPT0036/MPT10036P	MPTC037/MPT1C035P			
Grand Am 1985-1988	A4503B				
1992-1998	MPT0010/MPT10036P	MPTC010/MPT1C035P			
1999-2005	MPT0036/MPT10036P	MPTC037/MPT1C035P			
Grand Prix 2004-2008	MPT0036/MPT10036P	MPTC037/MPT1C035P			
GTO 2004-2006	MPT0036/MPT10036P	MPTC037/MPT1C035P			
Le Mans 1988-1993	MPT0034/MPT10034P	MPTC246/MPT1C047P			
Montana 1999-2006	none	MTO204			
2007-2009	MPT0036/MPT10036P	MPTC037/MPT1C035P			
Optra 1988-1991	MPT0036/MPT10036P	MPTC010/MPT1C035P			
Solstice 2006-2009	MPT0036/MPT10036P	MPTC037/MPT1C035P			
Sunbird 1982-1992	A4503B				
Sunburst 1985-1988	MPT0007/MPT10128	MPTC007			
Sunfire 1995-1998	MPT0010/MPT10036P	MPTC010/MPT1C035P			
1999-2005	MPT0036/MPT10036P	MPTC037/MPT1C035P			
Vibe 2003-2010	MPT0008/MPT10138	MPTC008			
RENAULT					
All models 1985-1987			MPT0025/MPT10025P	MPTC026/MPT1C026P	
SAAB					
900 1978-1993			MPT0025/MPT10025P	MPTC026/MPT1C026P	
1994-1998			MPT0034/MPT10034P	MPTC246/MPT1C047P	
900 Convertible 1994			MPT0025/MPT10025P	MPTC026/MPT1C026P	
9000 1986-1998			MPT0025/MPT10025P	MPTC026/MPT1C026P	
9-3 1999-2003			MPT0034/MPT10034P	MPTC246/MPT1C047P	
2004-2011			MPT0036/MPT10036P	MPTC037/MPT1C035P	
9-5 1999-2008			MPT0034/MPT10034P	MPTC246/MPT1C047P	
9-7 X 2005-2009			MPT0036/MPT10036P	MPTC037/MPT1C035P	
SATURN					
All models except as below					
1990-1998			MPT0010/MPT10036P	MPTC010/MPT1C035P	
1999-2010			MPT0036/MPT10036P	MPTC037/MPT1C035P	
L - Series 2000-2005			MPT0034/MPT10034P	MPTC246/MPT1C047P	
Vue 2002			MPT0034/MPT10034P	MPTC246/MPT1C047P	
2003-2009			MPT0036/MPT10036P	MPTC037/MPT1C035P	
Ion Redline 2004-2007			MPT0036/MPT10036P	MPTC037/MPT1C035P	
Engine Cooling System					
Supercharger					
Cooling System			MPT0056/MPT10056P	MPTC057/MPT1C057P	
SCION					
All models 2004-current			MPT0008/MPT10138	MPTC008	
XB 2008-current			MPT0048/MPT10048P	MPTC049/MPT1C049P	
SMART CAR					
All models 2008-current			MPT0022/MPT10022P	MPTC023/MPT1C023P	

**If MPT0036/MPT10036 "Stem" with O-ring does not fit, MPT0010 may be required.

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COOLING SYSTEM ADAPTERS

Make/Model/Year	Cooling System Adapter	Cap Adapter
STERLING		
All models 1987-1991	MPT0025/MPT10025P	MPTC026
SUBARU		
Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008
SUZUKI		
Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008
Forenza 2004-2008	MPT0034/MPT10034P	MPTC246/MPT1C047P
Reno 2005-2008	MPT0034/MPT10034P	MPTC246/MPT1C047P
Verona 2004-2006	MPT0034/MPT10034P	MPTC246/MPT1C047P
XL 7 2007-2009	MPT0036/MPT10036P	MPT1C037/MPT1C035P
TOYOTA		
Models with Non-Threaded Cooling System Caps: Models with 16mm deep filler neck, see page 9	MPT0007/MPT10128	MPTC007
Models with 9.5mm deep filler neck, see page 9	MPT0008/MPT10138	MPTC008
Models with Threaded Cooling System Caps: Avalon 2013-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
Celica 2000-2005	MPT0048/MPT10048P	MPTC049/MPT1C049P
MR2 Spyder 2000-2005	MPT0048/MPT10048P	MPTC049/MPT1C049P
RAV 4 1996-2008 2009-current	MPT0008/MPT10138 MPT0048/MPT10048P	MPTC008 MPTC049/MPT1C049P
Sienna (see page 9) 1998-2006 2007-current	MPT0007R MPT0008/MPT10138	MPTC007 MPTC008
Hybrid Synergy Drive Cooling System: Camry 2007-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
Highlander 2006-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
Prius 2004-current	MPT0048/MPT10048P	MPTC049/MPT1C049P
TRUCKS/HEAVY DUTY		
Vehicles with large fill ("B") neck (2 11/16") see page 11	A450B/MPT0450 (Kit) or A450SB (Individual Adapter)	A450B/MPT0450 (Kit) or A4504B (Individual Adapter)
VAN HOOL BUS		
Some models	MPT10076	
VOLKSWAGEN		
Models with male threads on filler neck 1975-1993	MPT0022/MPT10022P	MPTC023/MPT1C023P
Models with female threads on filler neck 2004-current	MPT0041/MPT10041P	MPTC040/MPT1C040P

Make/Model/Year	Cooling System Adapter	Cap Adapter
VOLKSWAGEN		
Beetle 1998-current	MPT0041/MPT10041P	MPTC040/MPT1C040P
CC 2009-2019	MPT0041/MPT10041P	MPTC040/MPT1C040P
Cabrio 1995-2002	MPT0031/MPT10031P	MPTC030
Corrado 1990-1994	MPT0031/MPT10031P	MPTC030
Eurovan 1993-2003	MPT0031/MPT10031P	MPTC030
Golf 1985-1990 1991-1999 2000-current	MPT0022/MPT10022P MPT0031/MPT10031P MPT0041/MPT10041P	MPTC023/MPT1C023P MPTC030 MPTC040/MPT1C040P
GTI 1985-1990 1991-1999 2000-current	MPT0022/MPT10022P MPT0031/MPT10031P MPT0041/MPT10041P	MPTC023/MPT1C023P MPTC030 MPTC040/MPT1C040P
Jetta 1980-1990 1991-1999 1999-current	MPT0022/MPT10022P MPT0031/MPT10031P MPT0041/MPT10041P	MPTC023/MPT1C023P MPTC030 MPTC040/MPT1C040P
Passat 1990-1997 1998-current	MPT0031/MPT10031P MPT0041/MPT10041P	MPTC030 MPTC040/MPT1C040P
Phaeton 2002-2016	MPT10074P	MPT1C023P
Toureg 2004-current	MPT0041/MPT10041P	MPTC040/MPT1C023P
VOLVO		
All with threaded neck except large trucks and as specified below	MPT0025/MPT10025P	MPTC026/MPT1C026P
C30 2008-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
C70 2008-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
FH 2012-current	MPT0025/MPT10025P	MPTC026/MPT1C026P
FM 2010-current	MPT0025/MPT10025P	MPTC026/MPT1C026P
S40 2004-2011	MPT0052/MPT10052P	MPTC053/MPT1C053P
S80 2004-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
V50 2005-2011	MPT0052/MPT10052P	MPTC053/MPT1C053P
V60 2014-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
V70 2008-2010	MPT0052/MPT10052P	MPTC053/MPT1C053P
XC60 2010-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
XC70 2008-current	MPT0052/MPT10052P	MPTC053/MPT1C053P
Volvo Large Trucks with: • 48mm x 3mm thread • 63mm x 3mm thread	TA50/MPT10022P MPT0027/MPT10027P	MPT1C023P

MATCO COOLING SYSTEM ADAPTER GASKET APPLICATION GUIDE

(Use gasket part # when ordering replacement gaskets)

ADAPTER

MPT0010, MPT10084P
 MPT0034, MPT0036
 MPT0022, MPT0025, TA50, MPT10034P, MPT10036P
 MPT0245, MPT10245P, MPT0345, MPT10345P
 MPT0007, MPT0008, MPT10128, MPT10138
 MPT0031, MPT0041, MPT10031P, MPT10041P, MPT10074P
 MPT0036, MPT0046, MPT0052
 MPT10046P, MPT10052P, MPT10036P
 MPT0044, MPT10044P
 MPT0048, MPT10048P
 MPT0027, MPT0054
 MPT0056, MPT10056P
 MPT0445, MPT10445P
 A4503B
 A450B Kit, A4501B Test Plug (Obsolete)
 MPT0450
 MPT10025P
 MPT10022P
 MPT10027P
 MPT10032P
 MPT10054P
 MPT0058, MPT10058P
 MPT0060
 MPT0063, MPT10063P, MPT10074P
 MPT10067, MPT10067R
 MPT10069P
 MPT10070P
 MPT10072P
 MPT10076P
 MPT10086P

GASKET/O-RING SIZE

2 1/16" O.D. x 1 1/8" I.D. x 1/8" thick
 2 1/16" O.D. x 1 7/16" I.D. x 1/8" thick
 1 7/8" O.D. x 1 3/16" I.D. x 1/8" thick
 1 7/16" O.D. x 15/16" I.D. x 1/16" thick
 1 1/8" O.D. x 1/2" I.D. x 1/4" thick
 36mm O.D. x 28mm I.D. x 4mm cross section O-ring
 31mm O.D. x 23mm I.D. x 4mm cross section O-ring
 31mm O.D. x 23mm I.D. x 4mm cross section O-ring
 42mm O.D. x 34mm I.D. x 4mm cross section O-ring
 13/16" O.D. x 5/8" I.D. x 3/32" cross section O-ring (O-ring # P16)
 2 1/2" O.D. x 1 9/16" I.D. x 1/8" thick
 23mm O.D. x 17mm I.D. x 3mm cross section O-ring
 38mm O.D. x 28mm I.D. x 5mm cross section O-ring
 2 3/4" O.D. x 1 3/4" I.D. x 3/16" thick
 2 1/16" O.D. x 1/2" I.D. x 1/4" thick (2 required)
 Molded Gasket
 1 11/16" O.D. x 1 1/16" I.D. x 1/8" thick
 1 3/4" O.D. x 1" I.D. x 1/8" thick
 2 3/8" O.D. x 1 5/8" I.D. x 1/8" thick
 1 7/8" O.D. x 1 1/16" I.D. x 1/8" thick
 2 1/4" O.D. x 1 1/2" I.D. x 1/8" thick
 27mm O.D. x 21mm I.D. x 3mm cross section O-ring
 Molded Gasket
 1 7/16" O.D. X 1 3/16" I.D. X 1/8" cross section O-ring
 Molded rubber gasket
 1" OD x 5/8" ID x 3/16" thick cross section O-ring
 1" OD x 1/2" ID x 1/16" thick
 19mm OD x 12mm ID x 3.5mm cross section O-ring
 Molded rubber gasket (custom)
 14mm OD x 7mm ID x 3.5mm cross section O-ring

GASKET PART

MPT0010G
 MTO011
 MPT0025G
 MPT0345G
 MT0009
 MPT0031G
 MT0012
 MT0012
 MTO0044G
 MPT0048G
 MPT0027G
 MPT0056G
 MPT0445G
 A4502B
 A4501B1
 MPT0450G
 MPT10025PG
 MPT10022PG
 MPT10027PG
 MPT10032PG
 MPT10054PG
 MPT0058G
 MPT0060G
 MPT0063G
 MPT10067G
 MPT10069R
 MPT10070G
 MPT10072R
 MPT10076G
 MPT10086R

MATCO TOOLS



APC102 PARTS LIST

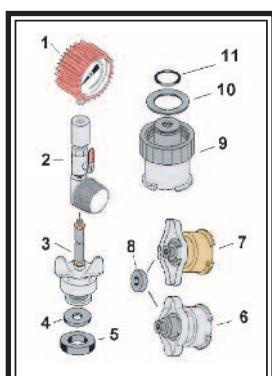


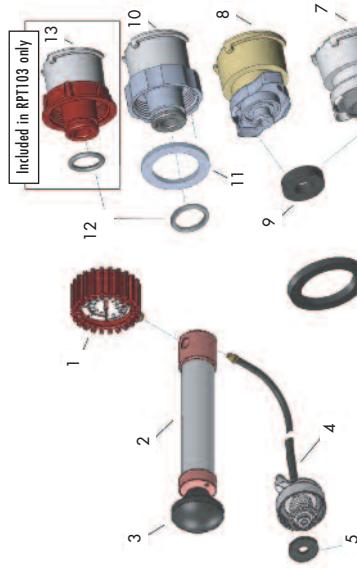
Diagram Number
NOT SHOWN

Stock Part #
MT0000
MPT5001-1

		Description
1	MT0001	Plastic Carrying Case, NOT SHOWN
2	MPT5001-2	Complete Pump with Gauge and Hose Assy. (1-4)
3	MPT5001-4	Pressure Gauge Only
4	MT0005	Valve Regulator Assembly
5	MT0006	Tester Head with Hose Assembly
6	MPT10128	Tester Seal
7	MPT10138	Spacer Washer, (1/4" Thick Rubber Washer - see page 9)
8	MT0009	32 mm x 16mm deep
9	MPT10036P	Radiator Adapter with Seal, Silver
10	MPT0025G	32 mm x 9.5mm deep
11	MT0012	Radiator Adapter with Seal, Gold
		Rubber Seal for 32mm Radiator Adapters
		Radiator Adapter
		Rubber Seal for MPT10036P
		Rubber O-Ring for MPT10036P

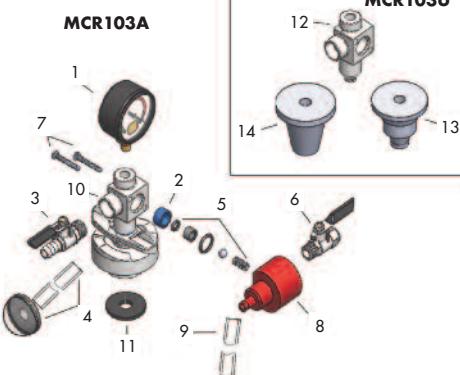


**MODEL
RPT102/RPT103
PARTS LIST**



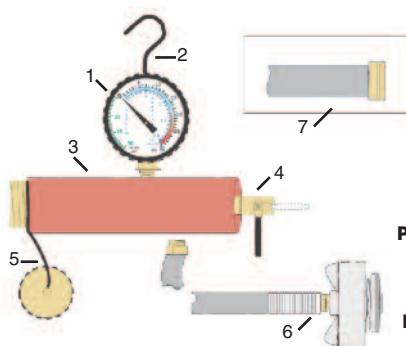
#	Stock #	Description
1	MTO00SET	COOLING SYSTEM TESTER PUMP (Program #1 through #5)
2	MTO000	PLASTIC CARRYING CASE (Not Shown)
3	MTO001	PRESSURE GAUGE ONLY
4	MTO002	PUMP ASSEMBLY WITH KNOB (Gauge not included)
5	MTO003	KNOB ONLY
6	MTO004	TESTER HEAD ASSEMBLY WITH HOSE
7	MTO005	NOTE: Hose is field repairable with 3/16" fuel line.
8	MTO006	TESTER SEAL
9	MPT1028	SPACER WASHER (1/4" thick Rubber Washer) for 1" deep filler necks see page 9
10	MPT1038	32 mm x 16 mm Radiator Adapter with Seal [Silver]
11	MPT009	32 mm x 9.5 mm Radiator Adapter with Seal [Gold]
12	MPT0034P	RUBBER SEAL for 32mm RADIATOR ADAPTER
13	MPT0035P	RADIATOR ADAPTER Seal & O-Ring included
	MPT0036P	RUBBER SEAL for #MPT10034P and MPT10035P
	MPT0037P	RUBBER O-RINGS for #MPT10034P and MPT10035P
	MTO002	RADIATOR ADAPTER Seal & O-Ring included
	MPT1005P	Not included in RPT102 but can be ordered

MCR103A & MCR103U PARTS LIST



MCR103A and MCR103U:

Drawing #	Stock #	Description
*	MCR1020	PLASTIC CARRYING CASE (NOT SHOWN)
1	MCR1031	LOWER CONNECT VACUUM GAUGE
2	MCR1010	COOLANT REFILL BODY SLEEVE
3	MCR1033	COOLANT REFILL VALVE ASSEMBLY
4	MCR1034	COOLANT REFILL HOSE ASSEMBLY
5	MCR1005	INNER VALVE ASSEMBLY
6	MCR1006	AIR INLET VALVE
7	MCR1007	ASSEMBLY SCREWS, 8-32 X 1 1/4" (2 REQ'D)
8	MCR1038	VENTURI BODY
9	MCR1009	OVERFLOW HOSE
10	MCR1032A	COOLANT REFILL SUCTION SCREEN ONLY
11	MTO005	TESTER SEAL
MCR103A ONLY:		
10	MCR1032A	COOLANT REFILL BODY ASSEMBLY
11	MTO005	TESTER SEAL
MCR103U ONLY:		
12	MCR1032U	COOLANT REFILL BODY ASSEMBLY
13	MCR103CS	ADAPTER CONE, STEP (7/16-20 THREAD)
14	MCR103CL	ADAPTER CONE, SMOOTH (7/16-20 THREAD)



**MPT100CG
COOLANT
GUARD
PARTS DIAGRAM
&
REPLACEMENT
PART NUMBERS**

Number	Part Number	Description
1	MPT100CG-1	Dual Gauge
2	MPT100CG-2	Hook Assembly with Nut
3	MPT100CG-3	Venturi Body
4	MPT100CG-4	Air Inlet Valve
5	MPT100CG-5	Brass GHT cap
6	MPT100CG-6	Intake Hose with Cap Assembly
7	MPT100CG-7	Exhaust Hose
Not Shown	MPT100CG-8	Plastic Box

All non-stockting adapters are available through Matco special order. Use "OS" prefix when ordering.

MCR303T

Cooling System Refiller for Large Trucks

Parts Diagram and Part Numbers

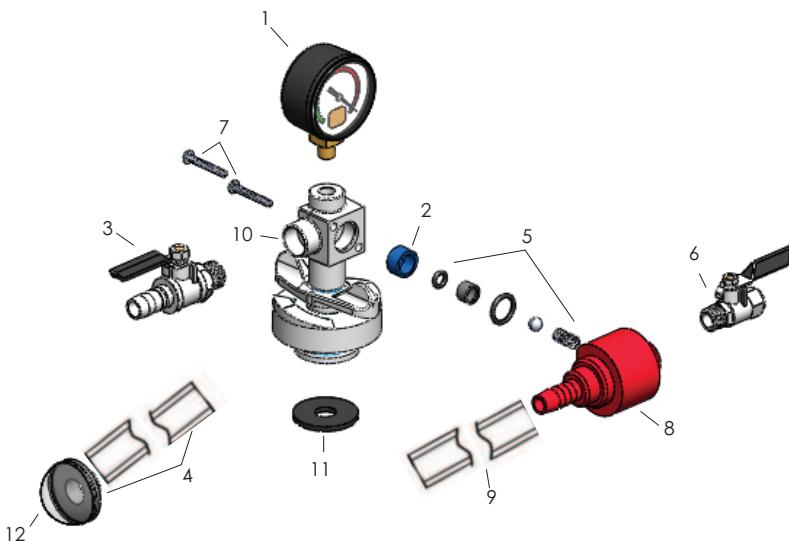


Diagram # Part

•	MCR3000	PLASTIC CARRYING CASE (Not Shown)
1	MCR1031	LOWER CONNECT VACUUM GAUGE
2	MCR1010	COOLANT REFILL BODY SLEEVE
3	MCR3031	COOLANT REFILL VALVE ASSY
4	MCR3034	COOLANT REFILL HOSE ASSY
5	MCR1005	INNER VALVE ASSY
6	MCR1006	AIR INLET VALVE
7	MCR1007	ASSEMBLY SCREWS, 8-32 x 1 1/4" (2 REQ'D)
8	MCR3002	VENTURI BODY
9	MCR3033	OVERFLOW HOSE
10	MCR1032A	COOLANT REFILL BODY ASSY
11	MT0005	TESTER SEAL
12	MCR3034S	COOLANT REFILL SUCTION SCREEN ONLY

WARRANTY

The RPT102/RPT103/MCR103A/MCR103U/APC102/MPT100CG/MCR303T is warranted for a period of twelve months from the end user customer's date of purchase against defects in materials and workmanship. Matco, or one of its authorized representatives will, at Matco's option, repair or replace the RPT102/RPT103/MCR103A/MCR103U/APC102/MPT100CG/MCR303T without charge, if the defective or malfunctioning tool is returned to Matco or one of its authorized representatives, shipping prepaid. Please be sure to include your name and address with the tool, and describe the nature of the problem.

Matco shall have no obligation pursuant to the Matco Warranty with respect to tools which in Matco's sole judgment have been altered, damaged, misused, abused or badly worn, lost or improperly maintained. This warranty is null and void if the customer, or any other person other than the authorized representative Matco, has made any attempt to service or modify the tool prior to its return to Matco under this Warranty.

For additional warranty information, contact:

Matco Tools, 4403 Allen Road, Stow, Ohio 44224

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FN: MATCO-2018A