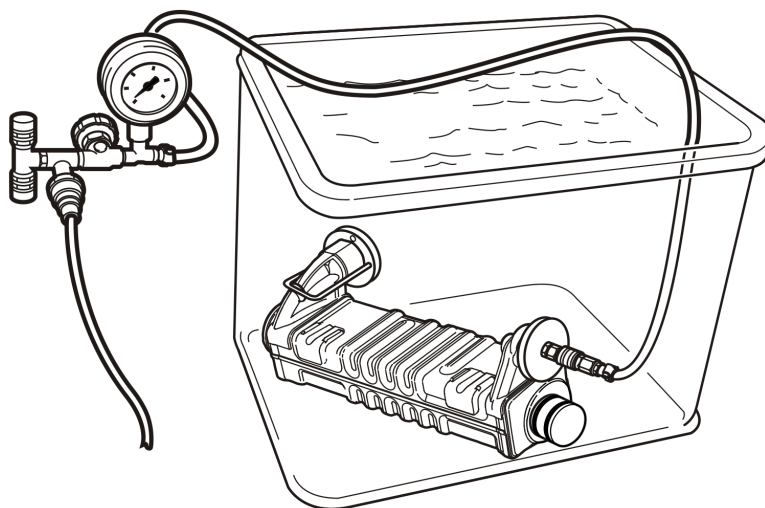


## EGR Cooler, Pressure Test D11F, D13F and D16F

### EGR Cooler, Pressure Test



W2006455

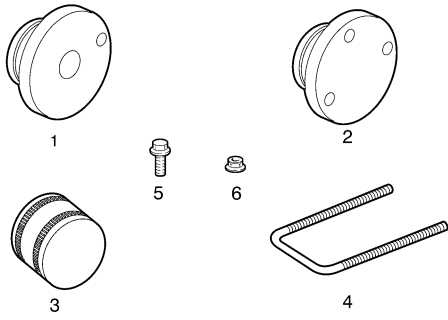
### Contents

- "Special Tools" page 2
- "EGR Cooler, Pressure Test" page 3

**Note:** Information is subject to change without notice. Illustrations are used for reference only and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

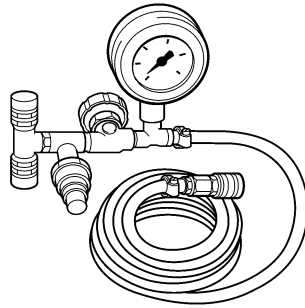
## Special Tools

For special tools ordering information, refer to Tool Information, group 08.



**88800216**

EGR Cooler Leak Test Kit



W2006456

**9996662**

Gauge



W2006457

**9998333**

Coupler

- 1 Outlet Plug
- 2 Inlet Plug
- 3 Test Plug
- 4 U-Bolt
- 5 Flange Cap Screw
- 6 Flange Nut

## 2932-06-04-01 EGR Cooler, Pressure Test

### Removed

You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

*Special tools: 88800216, 9996662, 9998333*

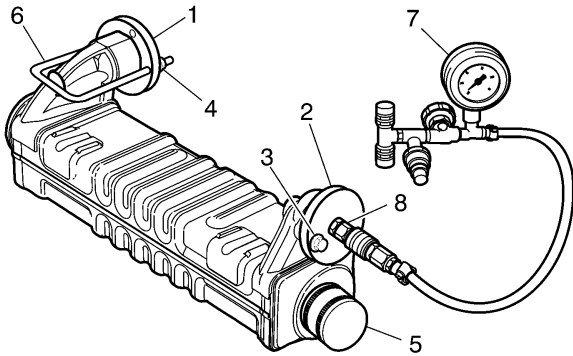
#### 1

Perform the EGR cooler cleaning procedure before checking for leaks. Refer to group 293.

#### 2

Fill a container with enough water to cover the outlet on the EGR cooler.

3

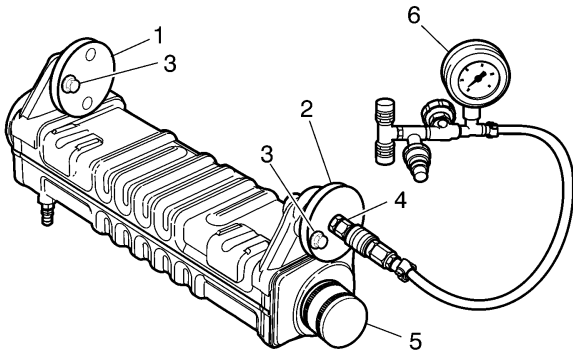


W2006454

- 1 88800216-1
- 2 88800216-2
- 3 Flange Cap Screw
- 4 Flange Nut
- 5 88800216-5
- 6 U-Bolt
- 7 9996662
- 8 9998333

**Note:** D11F and D13F


Lubricate the O-rings on the plugs. Install the plugs and cap on the EGR cooler. Install the coupler on the plug and connect the gauge to the coupler.



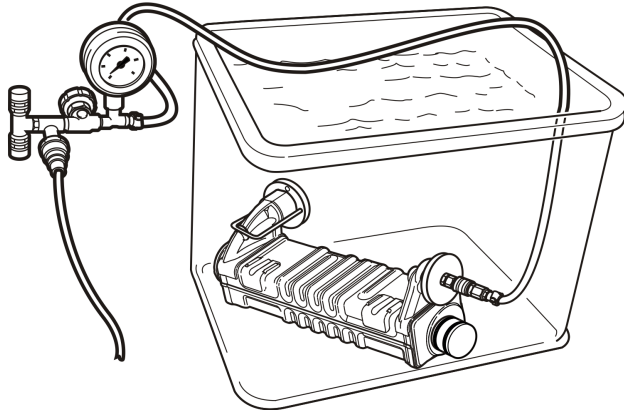
W2006465

- 1 88800216-1
- 2 88800216-2
- 3 Flange Cap Screw
- 4 9998333
- 5 88800216-5
- 6 9996662

**Note:** D16F

 <b>CAUTION</b>
Do not over-tighten the fasteners on the plugs and cap.

88800216, 9996662, 9998333



W2006455

**4**  
Lower the EGR cooler into the container of water at room temperature.

**5**  
Apply air pressure (240 kPa [35 psi]) to the EGR cooler. Maintain the pressure for 15 minutes. If the EGR cooler is leaking, there will be a steady stream of bubbles. If a steady stream of bubbles appears, replace the EGR cooler.

240 kPa (35 psi)

**6**  
Lift the EGR cooler out of the container and remove the pressure testing equipment.

**7**  
Use compressed air to remove water from the EGR cooler core and outer cover.