

7. While shutting up the oil passage hole at the depth of the oil control valve's installation hole by finger not to leak air, blow compression air into the taper plug's installation hole by air blowgun. At this time, confirm that the rocker arm piston can operate.

NOTE: To fully confirm the check, prevent the compression air from leaking as much as possible by installing the O-ring to the end of air blowgun.

- Turn the crankshaft clockwise until the notch on the crankshaft pulley is lined up with "T" mark on the lower cover of timing belt.
- Confirm the rest of the rocker arm pistons under the procedure 7.
- When the rocker arm piston does not operate, replace the rocker arm assy.
- 11.Apply sealant to threaded portion.

Specified sealant: LOCTITE203MP or equivalent

A CAUTION

Do not start the engine within one hour after the engine taper plug has been installed.

Install the taper plug and tighten to the specified torque.

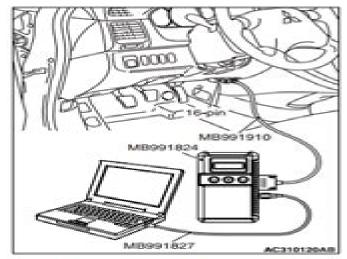
Tightening torque: 10 ± 2 N·m

- Install the oil control valve. (Refer to Camshaft and Valve Stem Seal – Removal and Installation P.11A-16.)
- 14.Install the rocker cover.
- 15.Install all of the ignition coils.

IGNITION TIMING CHECK

M11111001700726

 Before inspection, set the vehicle to the pre-inspection condition.



Turn the ignition switch to the "LOCK" (OFF) position and then connect the MUT-III to the diagnosis connector.



- Set the timing light to the power supply line (terminal No.1) of the ignition coil No.1.
 NOTE: The power supply line is looped and also longer than the other ones.
- 4. Start the engine and let it run at idle.
- Use the MUT-III to measure engine idle speed and check that it is within the standard value.

Standard value: 700 ± 100 r/min

- Select No. 17 of the MUT-III Actuator test.
- Check that basic ignition timing is within the standard value.

Standard value: 5° BTDC ± 3°

 If the basic ignition timing is outside the standard value, inspect the MPI system (Refer to P.13A-20, GROUP 13A – Troubleshooting – Inspection Chart for Diagnosis Code).

Vr4 Service Manual

RS Peters



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