

Mitsubishi Triton 2015-2018 Workshop Manual

2-12

PERIODIC INSPECTION AND MAINTENANCE
OPERATIONS INSIDE THE ENGINE COMPARTMENT

VALVE CLEARANCE CHECK AND ADJUSTMENT <MIVEC>

NOTE: The valve clearance check and adjustment should be done when the engine is cool.

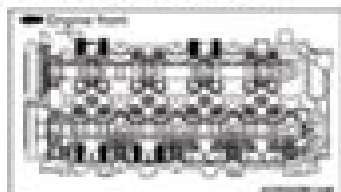
1. Remove the rocker cover.

CAUTION

The crankshaft should always be turned in a clockwise direction.



2. Align the camshaft sprocket timing marks and set the No. 1 cylinder at top dead center.



3. By using the thickness gauge, respectively measure the clearance between the cam at the portion marked with the arrow and the roller, as shown in the illustration.

Standard value (cold engine):

Intake valve: 0.08 ± 0.03 mm

Exhaust valve: 0.14 ± 0.03 mm

4. If the valve clearance is not as specified, the rocker arm lock nut and adjusting screw should be adjusted using a thickness gauge before turning the adjusting screw.

CAUTION

Pay special attention to the tightening torque is not beyond this value. If the tightening torque is beyond the value, the screw would possibly break.



5. While holding the adjusting screw with a screwdriver to prevent it from turning, lock nut to the specified torque using a lock, valve adjusting socket.

Special tool (rocker adjuster):

Intake side: MB991427

Exhaust side: MB991427

Tightening torque:

Intake side: 9 N·m

Exhaust side: 9 N·m

6. Turn the crankshaft clockwise to bring No. 4 cylinder at top dead center position.



7. Respectively measure the clearance at the portion marked with the arrow, according to step 5.

8. If the clearance is not within the standard value, repeat steps 4 and 5 above.

9. Install the rocker cover.

PERIODIC INSPECTION AND MAINTENANCE
OPERATIONS OUTSIDE THE VEHICLE

2-35

BRAKE DRUM INSIDE DIAMETER CHECK

1. Remove the brake drum.



2. Measure the inside diameter of the brake drum at two or three points.

Standard value:

200 mm

200 mm

200 mm

200 mm

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BRAKE LINING / SHOE CONTACT CH

1. Remove the shoe and lining assembly.

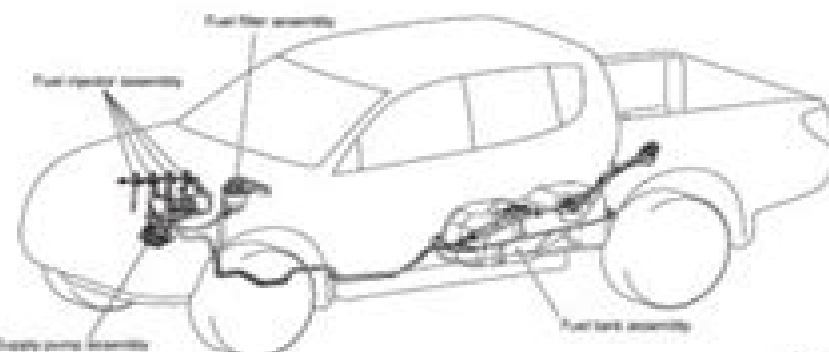


3. Check the inner surface of the brake drum and rub with the shoe and lining assembly.

4. Replace the shoe and lining assembly or brake drums if there are any irregular contact areas.

NOTE: Clean off shaft after check.

CHECK FUEL HOSES AND PIPES FOR LEAKAGE OR DETERIORATION



1. Check entire circumference and length of hoses and pipes.

2. Check all clamps for tightness and connections for leakage.

15 Triton Service Manual

Ensheng Dong



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