

Service

Chassis ID	Path 2632/Technical service bulletins//Fan Ring and Shroud Clearance
Model	Identity 164539050
Publish date 6/30/2022	ID/Operation M-263-002

Fan Ring and Shroud Clearance

M-263-002

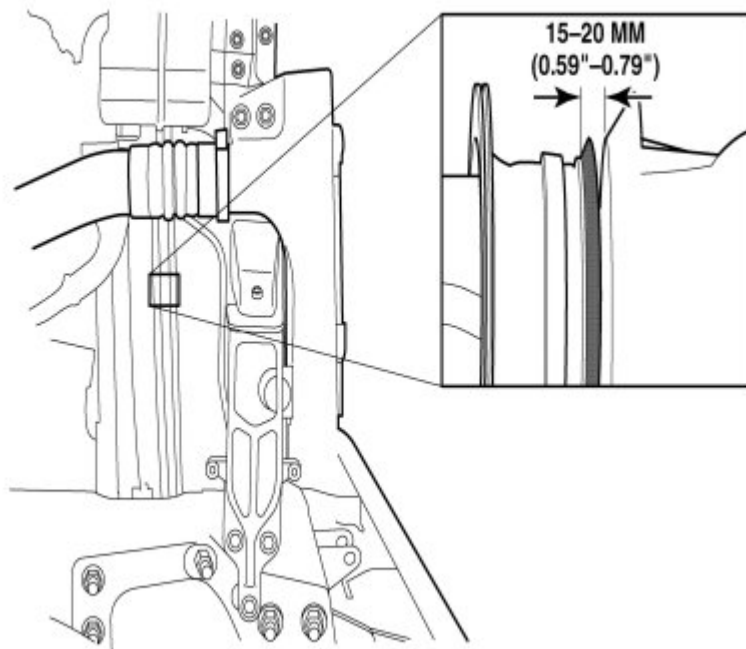
(June 2022)

Valid for

All GU Models

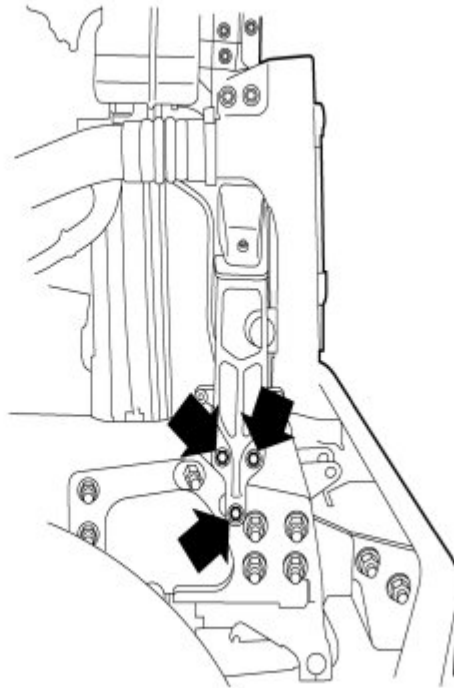
Case description

To allow for chassis articulation in severe applications, the fan ring rubber seal does not fit flush against the shroud on GU model chassis equipped with either an MP7 or MP8 engine. A gap of 15–20 mm (0.59"–0.79") exists between the front face of the aluminum fan ring to the back face of the fan shroud, as shown in the illustration below. Should the cooling module (radiator, charge air cooler and air conditioner condenser) be removed from the chassis for any reason, the fan ring-to-fan shroud gap must be measured and adjusted as required. As long as the 15–20 mm (0.59"–0.79") dimension is maintained around the circumference of the fan ring, the fan ring seal will be properly positioned. Adjustment procedures are as follows:



Procedure

- Loosen the radiator mounting bolts on both sides of the chassis.



- Rotate the radiator either forward or rearward as required to obtain the 15–20 mm (0.59”–0.79”) clearance between the fan ring and fan shroud.

Note : Depending upon how much the radiator must be rotated, it may be necessary to partially drain the cooling system (below the level of the upper radiator hose) and loosen the upper radiator hose and the charge air cooler tube clamps. Save the coolant, as the same coolant will be used to refill the system after the adjustment procedures have been completed.

- After the proper clearance has been obtained, tighten the radiator mounting bolts on both sides of the chassis, and then recheck clearance.

Note: If loosening the radiator hose and charge air cooler tube clamps was necessary, tighten the clamps and replenish the cooling system with the same coolant that was originally drained. Start the engine and check for coolant leaks. Stop the engine and recheck the coolant level. Replenish the cooling system with the proper coolant as required.

- Tighten the radiator mounting bolts to 200 Nm (145 lb-ft).

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