



HYUNDAI

Technical Service Bulletin

GROUP ENGINE MECHANICAL	NUMBER 17-EM-001
DATE JULY, 2017	MODEL ALL MODELS

SUBJECT INTAKE AND EXHAUST SYSTEM INSPECTION AND REPLACEMENT GUIDELINES DURING ENGINE REPLACEMENT

This TSB supersedes TSB 14-EM-001 with revisions to the Applicable Components.

Description:

Follow the guidelines outlined in this bulletin to inspect and clean or replace certain components of the engine intake and exhaust system accordingly during engine short block or sub-assembly replacement.

NOTICE

Failure to follow this TSB may result in reoccurring damage to the new engine assembly. If the short engine assembly is being replaced, refer to TSB 10-EM-003 (ENGINE OIL PUMP REPLACEMENT GUIDELINES DURING ENGINE REPLACEMENT) for additional information.

Applicable Vehicles:

- All engine equipped models

Inspection and Recommended Service Action:

Engine Condition	Recommended Action	Applicable Components
Any physical damage to one or more combustion chambers, valves, cylinder walls, and/or piston tops due to internal engine issue.	REPLACE if debris is found inside (clean any light residue if no debris is found)	<ul style="list-style-type: none"> Intake Manifold Air Intake Filter Air Intake Carbon Trap (if equipped), Intercooler (if equipped) Exhaust Manifold w/Catalyst Assembly
	Inspect and CLEAN ONLY (Replace, if damaged or debris is stuck.)	<ul style="list-style-type: none"> Throttle body PCV System / Valve Cover Baffle Air Intake Hose / Pipe MAF Sensor, Exhaust Manifold (Non-Catalyst Type) Intercooler Pipe (if equipped) Turbocharger (if equipped)
Engine oil consumption and/or excessive combustion blow by due to reduced seal between cylinder walls and piston rings.	Inspect and CLEAN	<ul style="list-style-type: none"> Intake Manifold Throttle Body PCV System / Valve Cover Baffle Air Intake Hose / Pipe Intercooler Pipe (if equipped) Intercooler (if equipped)

NOTICE

- **Inspect and Clean:** Inspect the component for any debris and clean using an appropriate cleaning agent (such as a degreaser), then drain/remove any residual liquids. Be sure to fully dry with shop air. Replace if any debris is stuck inside and cannot be fully cleaned.
- **Service Procedure:** Refer to applicable Shop Manual for the required service procedures.

Warranty Information:

Normal warranty applies.