



# HYUNDAI

## Technical Service Bulletin

GROUP  
**ENGINE  
MECHANICAL**

NUMBER  
**14-EM-001**

DATE  
**JANUARY 2014**

MODEL  
**ALL MODELS**

**SUBJECT** AIR INTAKE SYSTEM REPLACEMENT GUIDELINES  
DURING ENGINE REPLACEMENT

### Description:

Follow the guidelines outlined in this bulletin to inspect and clean or replace certain components of the engine intake 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 gasoline engine equipped models

### Inspection and Recommended Service Action:

Engine Condition	Recommended Action	Applicable Components
Physical damage to one or more combustion chambers, valves, cylinder walls, and/or piston tops due to internal engine issue.	Inspect and <b>REPLACE</b>	Intake manifold
	Inspect and <b>CLEAN</b> , if necessary (Replace, if damaged)	Throttle body, PCV system, air intake hose/pipe, MAF sensor, upstream exhaust pre-catalyst(s)
	<b>REPLACE</b> if debris is found inside	air intake filter, air intake carbon trap (if equipped)
Engine oil consumption and/or excessive combustion blow by due to reduced seal between cylinder walls and piston rings.	Inspect and <b>CLEAN</b>	Intake manifold, throttle body, PCV system, air intake hose/pipe

### NOTICE

**Inspect and Clean:** Inspect the component for any debris and clean using an appropriate cleaning agent (such as a degreaser) and then drain/remove any residual liquids.

**Service Procedure:** Refer to applicable Shop Manual for the required service procedures.

### Warranty Information:

Normal warranty applies.

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair