

SB-10057037-8417



HYUNDAI

NEW THINKING.
NEW POSSIBILITIES.

Technical Service Bulletin

GROUP

CAMPAIGN

NUMBER

14-01-045

DATE

NOVEMBER 2014

MODEL(S)

SONATA (LFA)

SUBJECT: 2015MY SONATA 1.6L TURBO INSPECTION
(SERVICE CAMPAIGN TU6)

*** IMPORTANT**

*****DEALER STOCK ONLY*****

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery. When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description: This bulletin provides the procedure to inspect the turbocharger intercooler for restrictions and replace if necessary. The vehicle may experience a malfunction indicator lamp with the following DTC:

- P0299- Turbocharger/ supercharger underboost.

Drivability Symptoms:

- Reduced engine performance



Applicable Vehicles: Certain 2015 Sonata (LFA) equipped with 1.6L Turbo Engine

Information

Description	Part #
Intercooler	28271-2B720

Warranty Information:

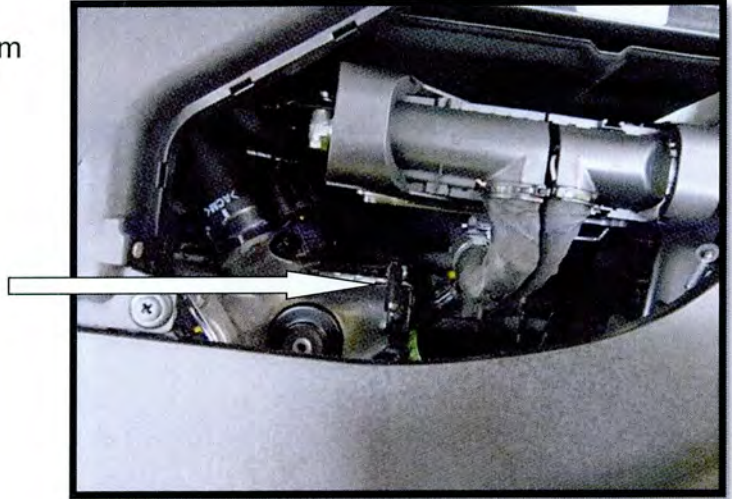
Op. Code	Operation	Op. Time
40CA13I0	Intercooler inspection	0.3
40CA13R1	Inspect and replace intercooler	0.8

NOTE: Submit Claim on Campaign Claim Entry Screen

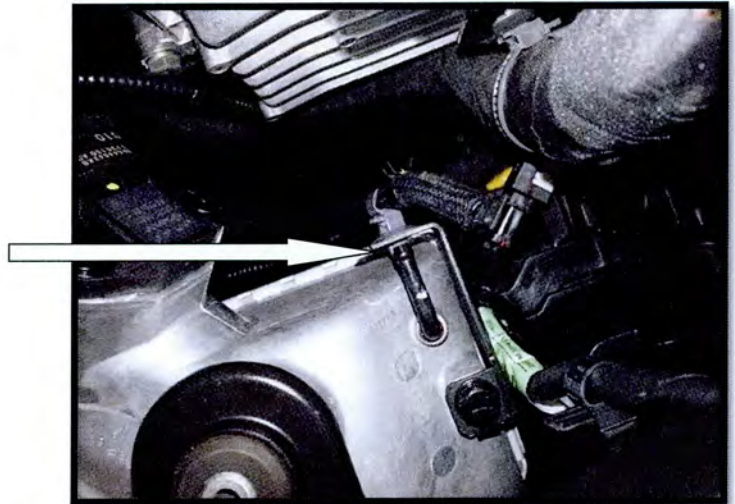
Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

Service Procedure:

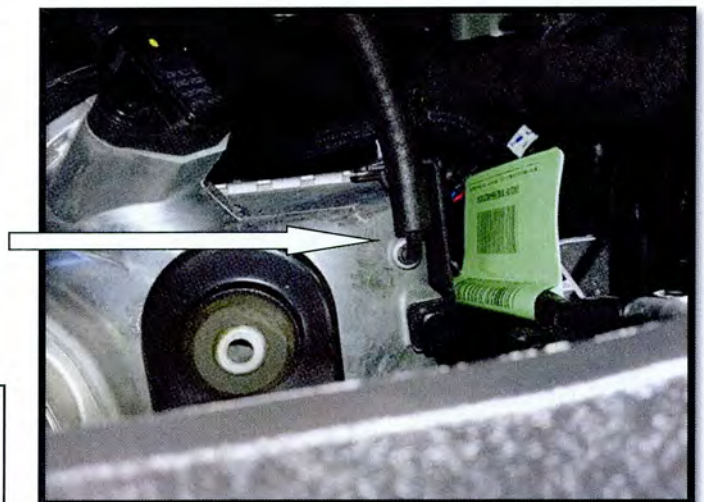
1. Intercooler inspection – locate the recirculation valve pressure hose from intercooler.



2. Remove the recirculation valve pressure hose from the intercooler.

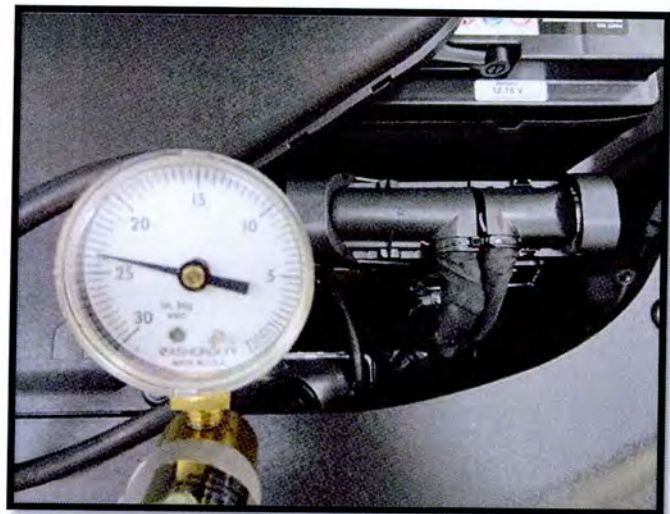


3. Connect a hand held vacuum pump to the intercooler nipple.

**NOTICE**

DO NOT USE SHOP AIR TO
CHECK FOR ANY
RESTRICTIONS.

4. Actuate the hand held vacuum pump, and note the vacuum on the gauge.
 - a. If the gauge does not hold vacuum (example shown on the right) the vehicle is ok. Reassemble and release the vehicle.
 - b. If the gauge holds vacuum indicating a restriction, (example shown on the right) replace the intercooler following the appropriate shop manual procedures.



5. Clear any DTC(s) that may have set.