

**HYUNDAI**NEW THINKING.  
NEW POSSIBILITIES.**Technical Service Bulletin**

GROUP

**CAMPAIGN**

NUMBER

**14-01-056**

DATE

**DECEMBER 2014**

MODEL(S)

**SONATA (LFA) 1.6T****SUBJECT:** SONATA 1.6T LEFT FRONT DRIVESHAFT INSPECTION AND REPAIR (RECALL CAMPAIGN 126)**\* IMPORTANT****\*\*\* Dealer Stock and Retail Vehicles \*\*\***

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

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 describes the service procedure to inspect and replace (if necessary) the LEFT FRONT driveshaft on some 1.6T Sonata (LFA) Eco vehicles. The LEFT FRONT driveshaft may have been improperly manufactured, which may prematurely wear the axle splines. The axle shaft may separate from the transmission and the driver may experience grinding noises, no movement in Drive or Reverse, and/or the vehicle may roll when the transmission is in Park (without the parking brake applied).

**Applicable Vehicles:** Certain 2015 Sonata 1.6T (LFA)**Parts Information:**

Part Name	Part Number	Qty.
Front Left Driveshaft (1.6T)	49500-C2400	1

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

**Warranty Information:**

Model	Op. Code	Operation	Op. Time
Sonata (LFa)	41CA17I0	DRIVESHAFT INSPECTION ONLY	0.3 M/H
	41CA17R0	INSPECT & REPLACE LH DRIVESHAFT ONLY	0.9 M/H

**NOTE:** Submit Claim on Campaign Claim Entry Screen

**Service Procedure:**

1. Lift the vehicle for underbody inspection.



2. Remove the underbody cover by removing the fasteners (middle piece only).

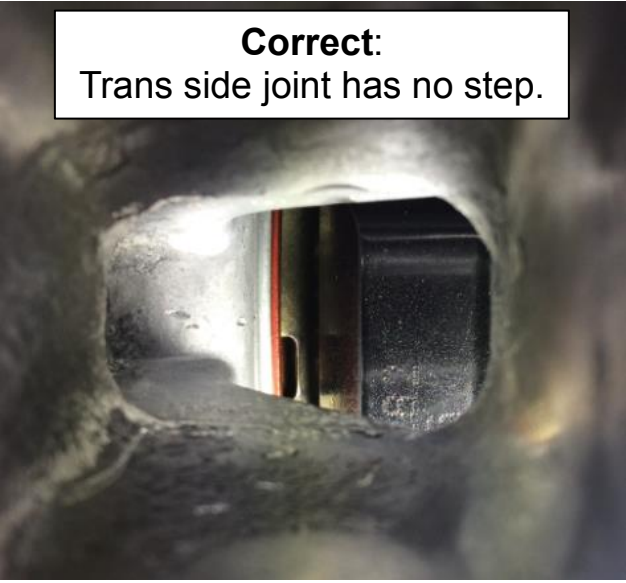
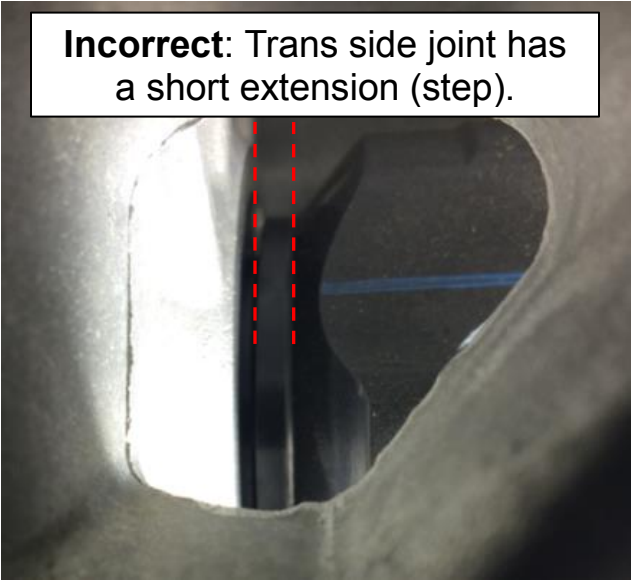






3. Locate the access hole where LH side driveshaft end can be visually inspected.

The access hole is located on bottom of transmission near the LH driveshaft install spline.



4. Inspect the transmission-side CV joint of the LH driveshaft through the access hole. Then inspect the wheel-side CV joint. Determine if the axle was assembled correctly on both sides according to the images below.

	Correct LH driveshaft	Incorrect LH driveshaft
Transmission side	<p><b>Correct:</b> Trans side joint has no step.</p> 	<p><b>Incorrect:</b> Trans side joint has a short extension (step).</p> 
	 <p>No Additional Step</p>	 <p>Additional Step</p>
Wheel side	 <p><b>Correct:</b> Wheel side boot has 6 ridges.</p>	 <p><b>Incorrect:</b> Wheel side boot has 7 ridges.</p>

**NOTICE**

Both the wheel side joint and the transmission side joint must be checked.

5.
  - If an incorrect driveshaft is installed, the driveshaft must be replaced as per shop manual instructions.
    - If an incorrect driveshaft is installed, inspect the shaft for damage. If any damage is noted on the transmission side splines, it is also required to replace the transmission per the shop manual instructions.
    - If transmission needs to be replaced, submit a warranty claim for transmission replacement.
  - If a correct driveshaft is installed, the inspection is complete and driveshaft does not need to be replaced.