



Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 19-01-043H
DATE DECEMBER, 2019	MODEL(S) Sonata (DN8)

SUBJECT: MAIN HARNESS & BRAKE BOOSTER INTERFERENCE
INSPECTION AND REPAIR (SERVICE CAMPAIGN T4J)

* IMPORTANT

*** Dealer Stock and Retail Vehicles ***

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery 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 procedure to inspect, and if necessary re-route the main harness adjacent to the brake booster of certain 2020MY Sonata (DN8) vehicles.



Applicable Vehicles: Certain 2020MY Sonata (DN8) vehicles.

SUBJECT: SONATA (DN8) MAIN HARNESS ROUTING

Warranty Information:

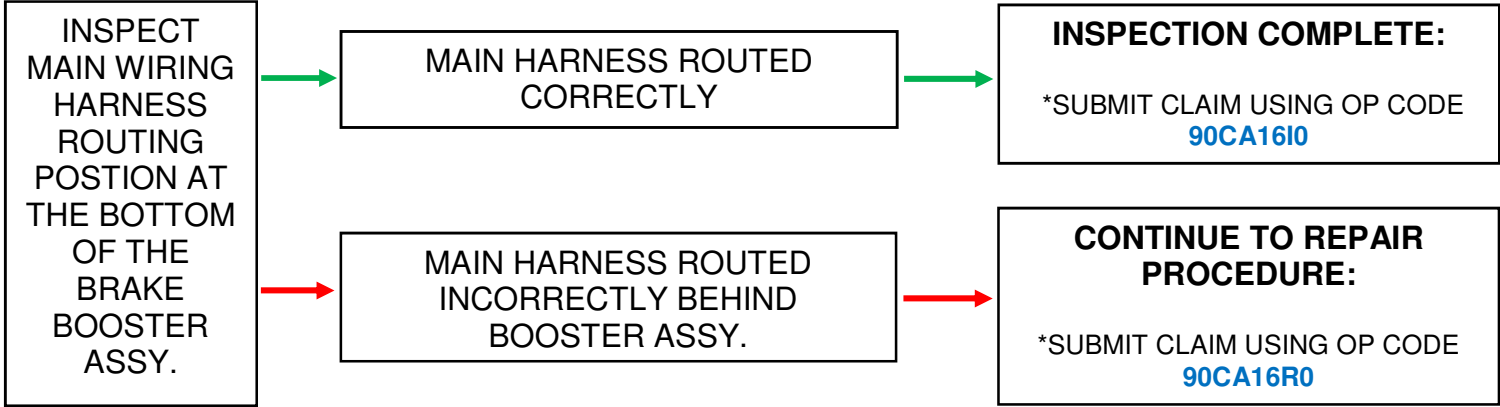
Model	Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
Sonata (DN8)	90CA16I0	Inspect Harness Position	0.3	59110-L0100	B14	ZZ1
	90CA16R0	Inspect and Adjust Harness Position	0.5			

NOTE 1: Submit Claim on Campaign Claim Entry Screen

NOTE 2: If a part is found in need of replacement while performing Service Campaign T4J and the affected part is still under warranty, submit a separate claim using the same Repair Order. If the affected part is out of warranty submit a Prior Approval Request for goodwill consideration prior to performing the work.


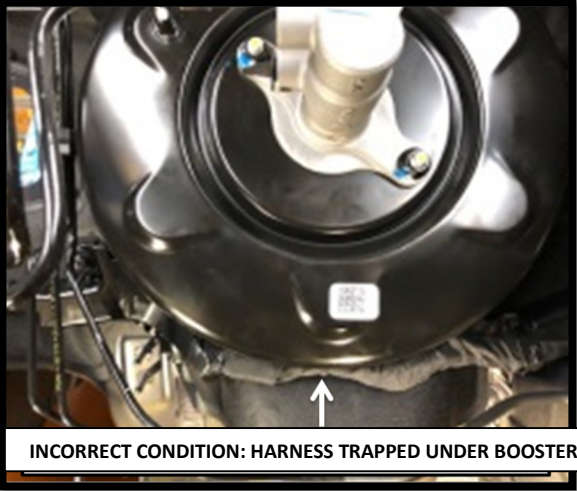
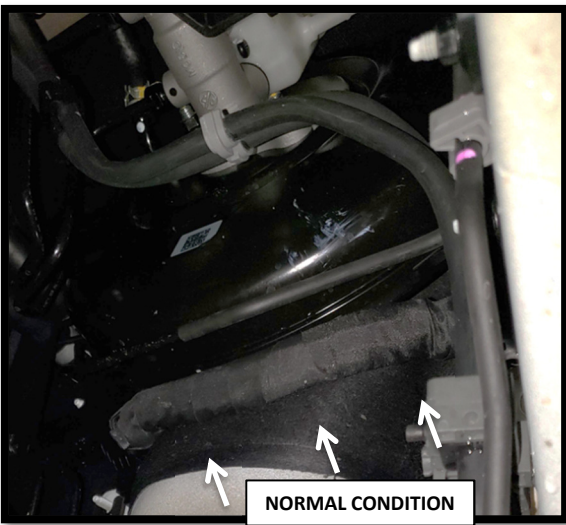
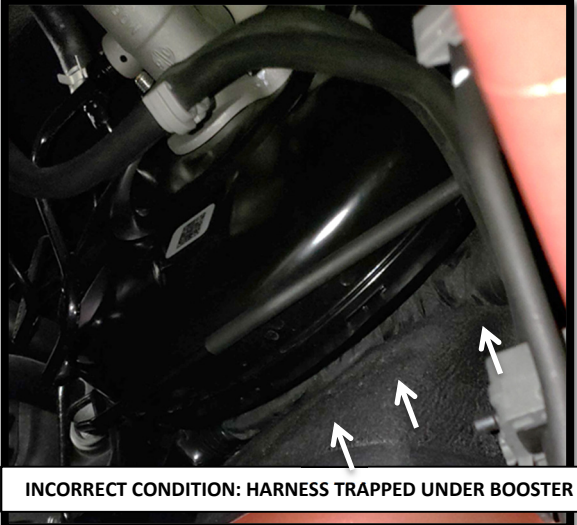
Service Procedure:

Refer to the diagram below to determine the required procedure for the vehicle:



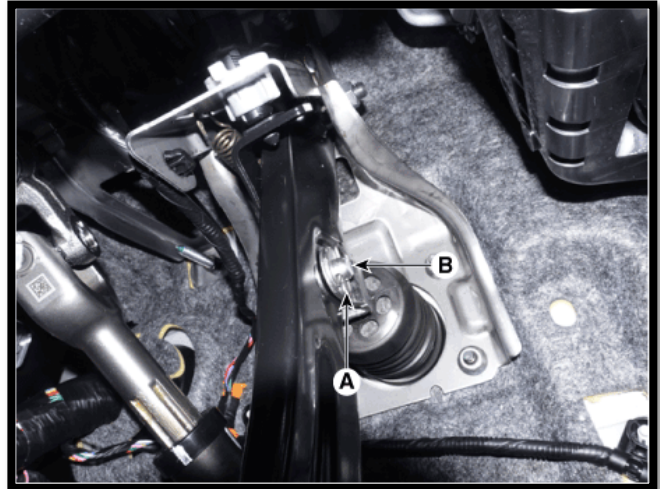
INSPECTION PROCEDURE

1. Open the hood to gain visual access to the brake booster assembly area.
2. Inspect the harness routing position at the bottom of the brake booster assembly to determine if the harness is routed correctly.

AREA	HARNESS ROUTED CORRECTLY	HARNESS ROUTED <u>INCORRECTLY</u>
<p>Front View</p>	 <p>NORMAL CONDITION</p>	 <p>INCORRECT CONDITION: HARNESS TRAPPED UNDER BOOSTER</p>
<p>Bottom View (through driver's wheel well)</p>	 <p>NORMAL CONDITION</p>	 <p>INCORRECT CONDITION: HARNESS TRAPPED UNDER BOOSTER</p>
	<p>NO FURTHER ACTION REQUIRED</p>	<p>PROCEED TO REPAIR PROCEDURE</p>

REPAIR PROCEDURE

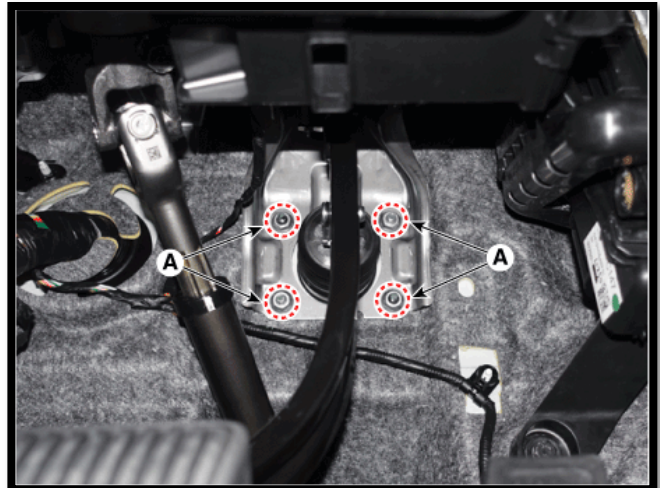
1. Remove the snap pin (A) and the clevis pin (B) from the brake pedal assembly.



2. Loosen the fixed nuts (A) on the booster assembly. (Completely removing the nuts is not required).

Tightening Torque :

16.7 - 25.5 N.m (1.7 - 2.6 kgf.m, 12.3 - 18.8 lb-ft)



3. With the brake booster loosened, relocate the harness from behind the booster assembly.

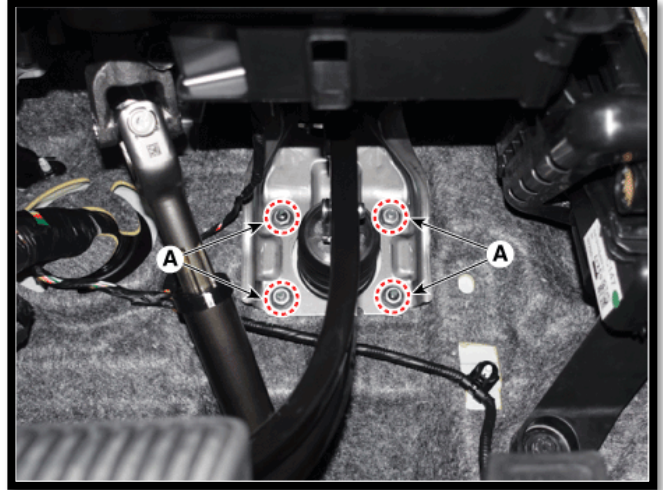
The harness can be repositioned from the top (engine bay) or from the bottom (through the driver's side wheel well).



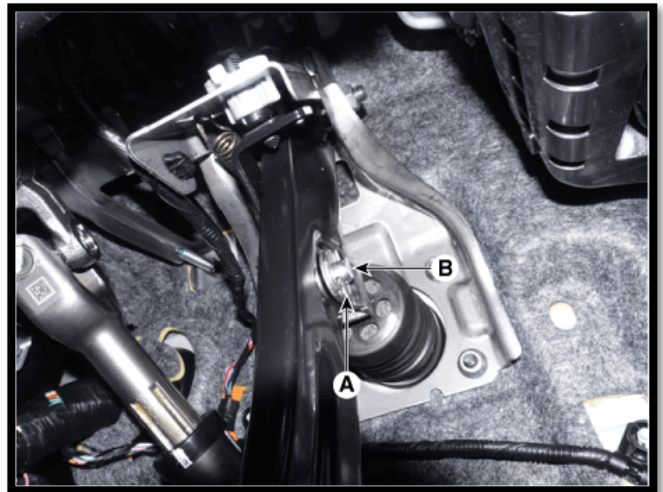
4. Re-tighten the 4 nuts (A) on the booster assembly.

Tightening Torque :

16.7 - 25.5 N.m (1.7 - 2.6 kgf.m, 12.3 - 18.8 lb-ft)



5. Install the clevis pin (B) and snap pin (A) on the brake pedal assembly.



6. Check the brake pedal operation to ensure proper re-assembly to complete the service procedure.