



GROUP  
CHA

MODEL  
2016MY  
Optima (JF)

NUMBER  
095

DATE  
November 2018

## TECHNICAL SERVICE BULLETIN

**SUBJECT:** FRONT STRUT FLANGE NUT REPLACEMENT

This bulletin provides the procedure to replace the front strut flange nut on some 2016MY Optima (JF) vehicles, produced from February 2, 2016 through May 19, 2016, which may exhibit a noise coming from the front strut area while driving on uneven surfaces or a bumpy road. Diagnose the noise complaint and once confirmed to be emanating from the front strut area, follow the procedure in this bulletin to replace the front strut flange nut.



### \* NOTICE

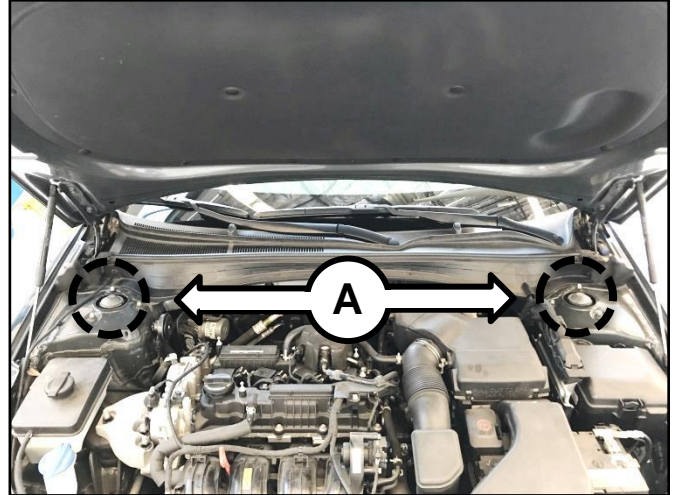
VINs that start with 5XX are designated Optima (JFa) and produced in the United States. VINs that start with KNA are designated Optima (JF) are produced in South Korea. This TSB applies to Optima (JF) that is produced in South Korea only.

File Under: <Chassis>

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

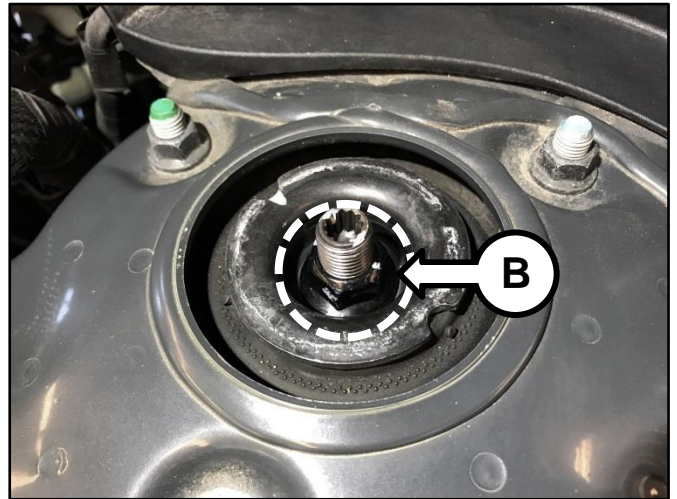
**Replacement Procedure:**

1. Remove both front strut mount caps (A).

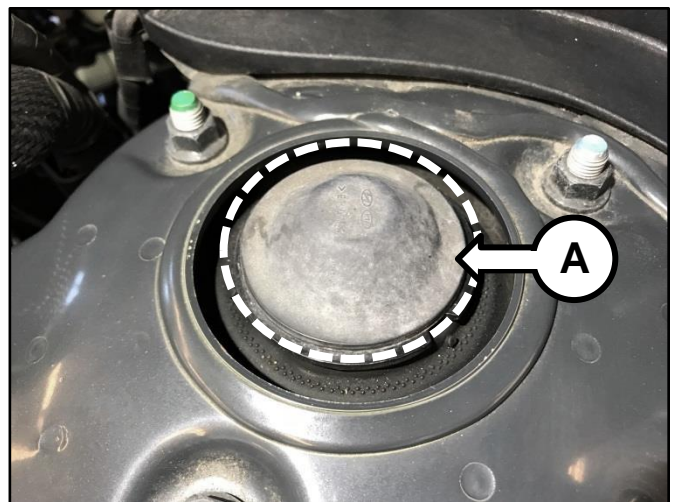


2. Remove and replace both front strut flange nuts (B) and torque the new nuts to specifications.

**Tightening torque:**  
79.6 – 86.8 lb.ft (107.9 – 117.7 N.m,  
11 – 12 kgf.m)



3. Reinstall the front strut mount caps (A).



4. Verify proper operation of vehicle and ensure no further abnormal noise is heard at the front strut area.



SUBJECT:

## FRONT STRUT FLANGE NUT REPLACEMENT


## AFFECTED VEHICLE RANGE:

Model	Production Date Range
Optima (JF)	February 2, 2016 through May 19, 2016

## REQUIRED TOOL:

Tool Name	Tool Number	Figure	Comments
Shock Absorber Lock Nut Remover	OK546 F6100		Located in Kia SST Cabinet Drawer #1
T50 Socket	-		Locally sourced

## REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Flange Nut – Self Locking	54559 D6000		2

## WARRANTY INFORMATION:

N Code: Q53 C Code: ZZ1

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	54559 D6000	2	Front Strut Flange Nut Replacement	54559F00	0.2 M/H	N/A	0