



HYUNDAI Technical Service Bulletin

GROUP	NUMBER
SUSPENSION	22-SS-001H
DATE	MODEL(S)
JANUARY, 2022	PALISADE (LX2)


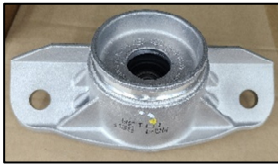
SUBJECT: PALISADE (LX2) REAR SHOCK ABSORBER INSPECTION AND UPPER INSULATOR REPLACEMENT

Description: Certain 2020-2021MY Palisade (LX2) vehicles equipped with rear self-leveling shocks (vehicles with factory-equipped 20" wheels: SEL trim with convenience/premium package; all Limited trim) may exhibit a knocking or rattling noise from the rear of the vehicle when driving on bumpy roads at low speeds.



Applicable Vehicles: Certain 2020-21MY Palisade (LX2) vehicles equipped with rear self-leveling shocks produced from 4/10/2019 to 12/27/2020.

Parts Information:


PART NAME	PART NUMBER	FIGURE	REMARKS
INSULATOR ASSY-KIT	55310-S1150FFF		Applies to self-leveling shock part number: 55367-S9300 Includes: 1) Locking Nut 2) Insulator Assembly
	<div style="border: 1px solid black; padding: 5px;"> <p>NOTICE</p> <p>Each part number includes parts for 1 side of the vehicle.</p> <p>Order a quantity of 2 part numbers per vehicle.</p> </div>		

Warranty Information:

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
Palisade (LX2)	55310F04	REAR SHOCK ABSORBER INSPECTION	0.3 M/H	55310-S1000	ZZ4	Q53
	55310F05	REAR SHOCK ABSORBER INSPECTION AND UPPER INSULATOR REPLACEMENT (BOTH SIDES)	1.2 M/H			

NOTE: Normal Warranty Applies.

Special Service Tool Information:

TOOL NAME	PART NUMBER	FIGURE
Shock Absorber Lock Nut Removal Tool	09546-S1100	

NOTE: If additional special service tools are needed, replacement parts can be ordered from Bosch at (866) 539-4248.

Service Procedure:

- At low speeds, drive the vehicle on a bumpy road and inspect for knocking or rattling noises from the rear suspension.

For a video of the noise, refer to this link:

<https://youtu.be/rU2e3t50orM>

- If knocking or rattling noises are present, continue to step 2 to replace the insulators located on the top of the both rear shock absorbers (left and right sides).

- Using a hoist, lift up the vehicle and ensure it is safe to service.

- Loosen the rear wheel nuts (A) and remove the tire from the rear hub.

NOTICE

Tightening Torque:
79.6 – 94.0 lb-ft (107.9 – 127.5 Nm)

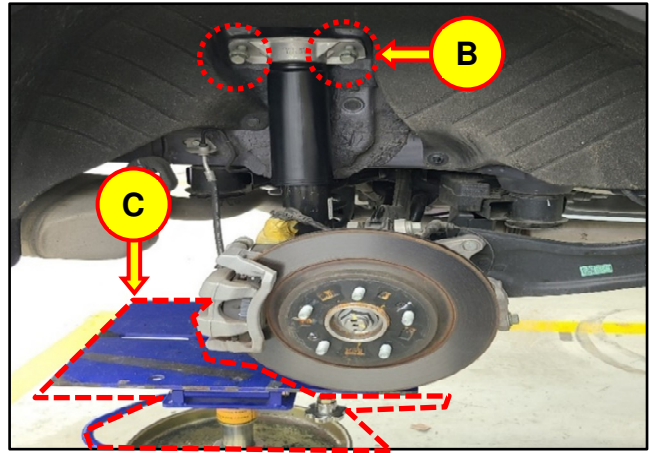


4. Loosen the bolts (B) and remove the rear shock absorber from the body.

When removing the rear shock absorber, install a jack (C) at the bottom of the lower arm to compress the shock for ease of removal.

NOTICE

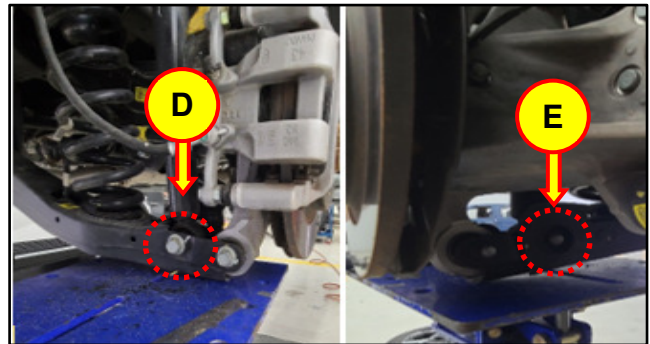
Tightening Torque:
72.3 – 86.8 lb-ft (98.1 – 117.7 Nm)



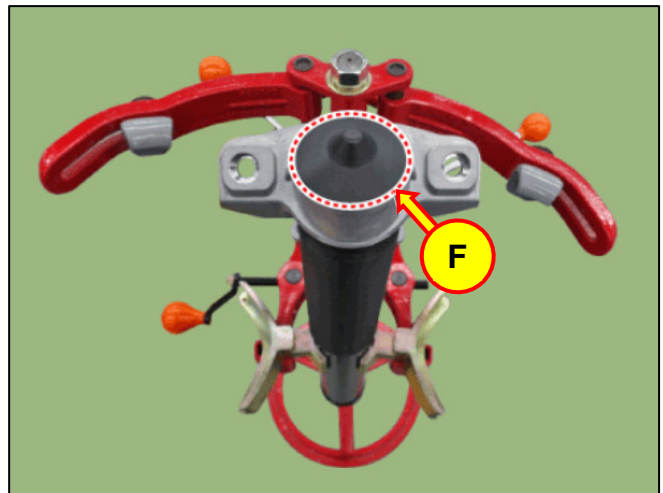
5. Remove the bolt (D) and the nut (E) to remove the rear shock absorber from the rear lower arm.

NOTICE

Tightening Torque:
101.3 – 156.9 lb-ft (137.3 – 156.9 Nm)



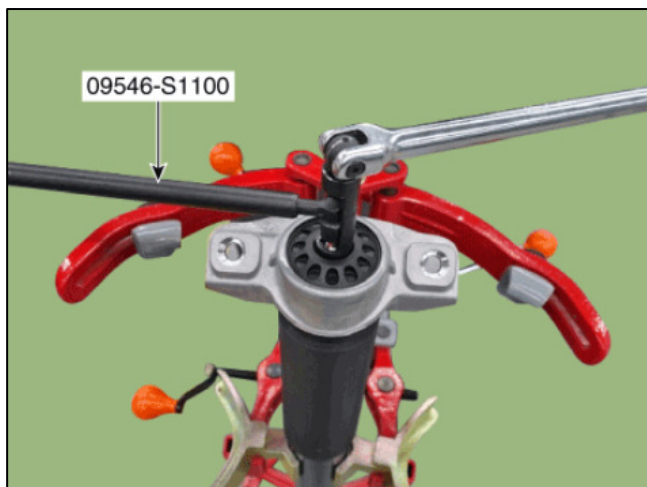
6. Remove the insulator cap (F).



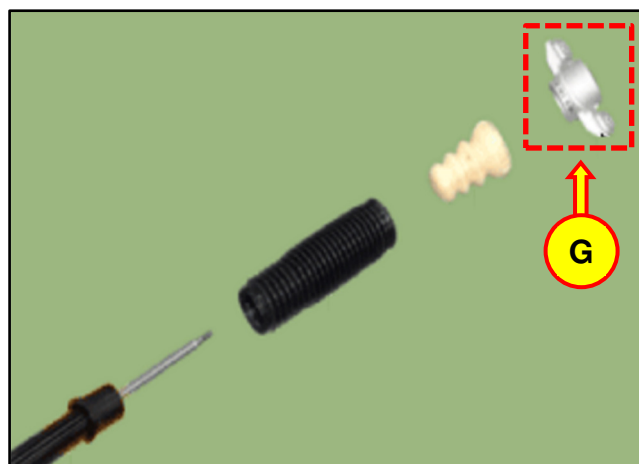
7. Loosen the lock nut using special service tool 09546-S1100.

NOTICE

Tightening Torque:
21.7 lb-ft (29.4 Nm)



8. Remove the insulator assembly (G) and install the new insulator part.



9. Reinstall parts in reverse order of removal.

NOTICE

Use the newly supplied self-locking nut during reinstallation.

10. The service procedure is now complete.