HYUNDAI **Technical Service Bulletin**	GROUP **SUSPENSION**	NUMBER **17-SS-002**
	DATE **JUNE, 2017**	MODEL(S) **EQUUS (VI)**

SUBJECT: EQUUS (VI) REAR AIR SPRING PART SUPERSESSION INFORMATION

Description: This bulletin provides information regarding changes to the 11-12MY VI Equus rear spring service parts. The service part numbers for the rear left and rear right air spring assemblies have been superseded according to the Parts Information table below. There are some physical differences (top hat angle, air bladder dimensions). These changes have no impact on parts compatibility. Please use the new part numbers when replacing these parts.

Applicable Vehicles: 11-12MY Equus (VI) vehicles.

Parts Information:

PART NAME	BEFORE	AFTER	QTY
Left Rear Air Spring Assembly	55350-3M500	55350-3M501	1
Right Rear Air Spring Assembly	55360-3M500	55360-3M501	1

Warranty Information:

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
VI	55350R0B	Spring-Rear (Both Sides)	Refer to WEBDCS for current LTS time	55350-3M501	N89	C38
	55800A00	Air-Suspension Air Filling		55880-3N000		

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

Service Procedure: Rear Air Spring Service Notes

NOTICE

The below notes are for informational purposes only. For instructions on rear air spring replacement, please refer to the applicable shop manual procedures.

NOTICE

When replacing an older version rear air spring, make sure to replace both left and right springs at the same time. This will ensure both sides of the rear suspension are of the same type.

1. Dimensions of the new service parts have changed. The air spring assembly is longer and the diameter is smaller than the original parts.

NOTICE

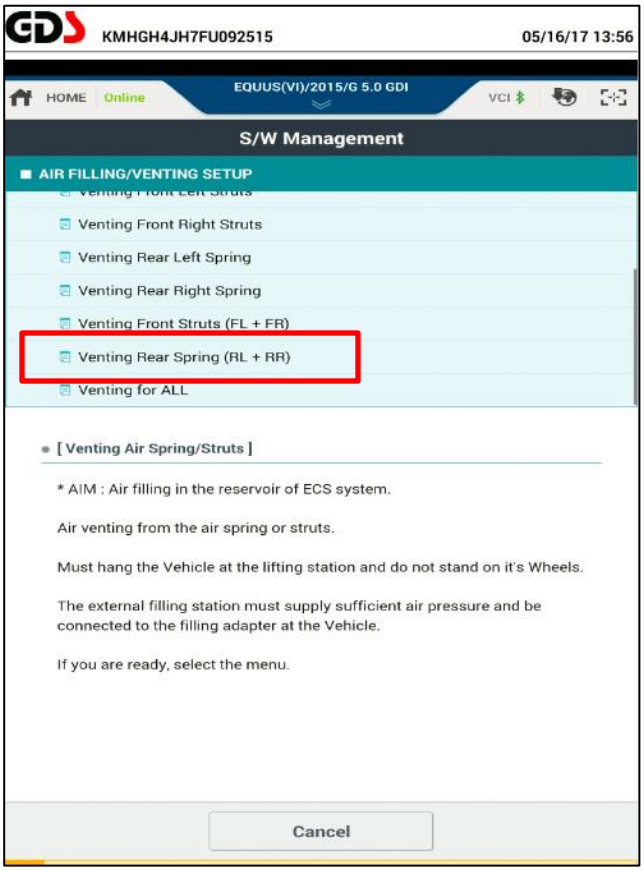
The images shown are with the dust boots removed and are for illustrative purposes only.

Do not disassemble or extend the air spring assemblies.

2. The top of the new air-springs are angled differently than the original parts. This can be seen when positioning the air fitting facing the same direction. This is normal.

3. Always discharge the air before removing rear air springs using the GDS Tablet.

   The air discharge can be found under: *"S/W Management -> Air Filling/Venting Setup -> Venting Air Springs/Struts -> Venting Rear Spring (RL + RR)."*



4a. When handling the new air springs, take care to not excessively twist/bend/extend the assemblies. Doing so can distort the air bladder.

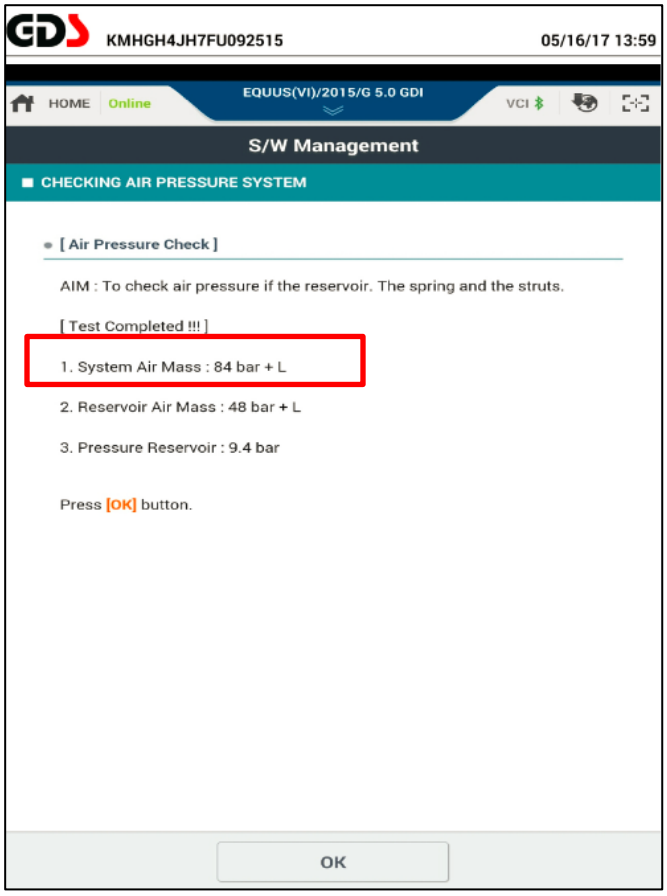
   The image to the right shows evidence of a distorted air bladder, *after introducing air pressure*.

4b. The image to the right shows an example of a properly installed and pressurized air spring, with no dust boot distortion.

5. Check the system air mass using GDS. The minimum value should be 80 bar-liter.

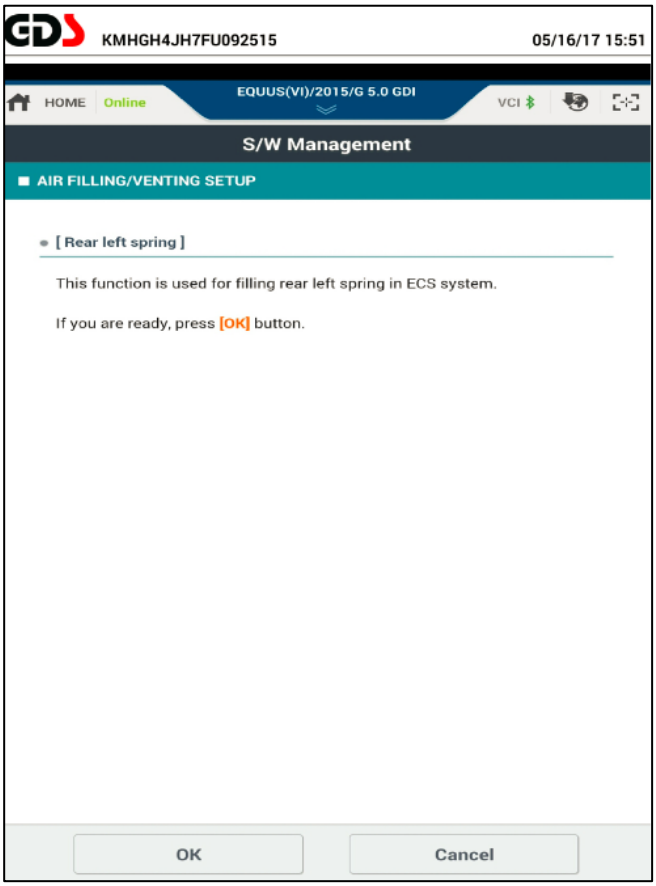
The air mass check can be found under: *"S/W Management -> Checking Air Pressure System -> Air Pressure Check."*

If the system is below 80 bar-liter, fill the system with air according to the procedures described in TSB 12-SS-003.



6. After replacing the rear air springs, fill them with pressurized air using the GDS.

   The air discharge can be found under: *"S/W Management -> Air Filling/Venting Setup -> Filling Air Spring/Struts -> Filling Rear Left (& Right) Spring."*



7. After filling springs with air, lower vehicle to the ground. Start the engine and check and clear any DTCs.

   Verify proper suspension operation with the engine running.

   Cycle the ride height from "normal" to "high" 3 times using the button on the console.

   Set the ride height to "normal."

8. Recalibrate the vehicle height sensors. Refer to TSB 12-SS-003 for information on calibration of air suspension system.