



GROUP
ENG

MODEL
2018MY
Sorento (UMa)
3.3L AWD

NUMBER
187

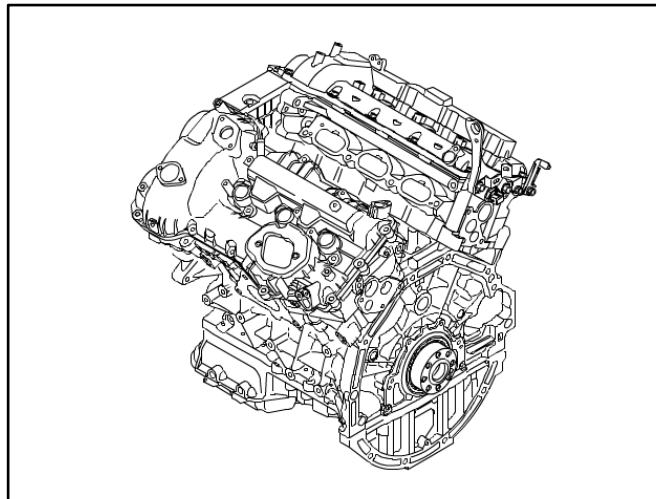
DATE
April 2018

TECHNICAL SERVICE BULLETIN

SERVICE ACTION: SORENTO (UMa) 3.3L
PRE-DELIVERY INSPECTION (SA345)

SUBJECT:

This bulletin provides the procedure to inspect the engine assembly on some 2018MY Sorento (UMa) 3.3L AWD (262 vehicles affected), produced from January 29, 2018 through February 20, 2018, which may exhibit abnormal engine noise. Follow the procedure outlined in this bulletin to inspect the engine assembly. Kia is requesting the completion of this Service Action on all affected vehicles in dealer stock, prior to delivery. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



* NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

This issue number is SA345.

File Under: <Engine>

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

SUBJECT:

SERVICE ACTION: SORENTO (UMa) 3.3L PRE-DELIVERY INSPECTION (SA345)

Inspection Procedure:

1. Prior to beginning the next step, ensure the engine is at operating temp, at least 90°C (194°F). KDS may be used to confirm operating temperature.

* NOTICE

See page 4 for a visualization of this inspection procedure.

Sensor Name(205)	Value	Unit	Link Up
Engine Oil Temperature	86.2	°C	
Water Temperature	90.0	°C	
Vehicle Speed	0.0	km/h	
Accelerator Pedal Position Sensor	0.0	%	
Actual Engine Speed	644	RPM	
Battery Voltage	14.16	V	

2. Hold down the brake pedal fully with your left foot and put the vehicle in “Drive”.



3. With the brake pedal pressed fully, press the accelerator pedal with your right foot and raise and hold the engine RPM between 1,500 and 2,500 for five (5) seconds.

Release the accelerator pedal and let the engine idle for 10 seconds.

! WARNING

Ensure the brake pedal is fully pressed while pushing on the accelerator pedal and ensure no one else is in front or near the vehicle during this inspection procedure.



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4. After 10 seconds of engine idle, repeat step 3 four (4) more times for a total of five (5) times.

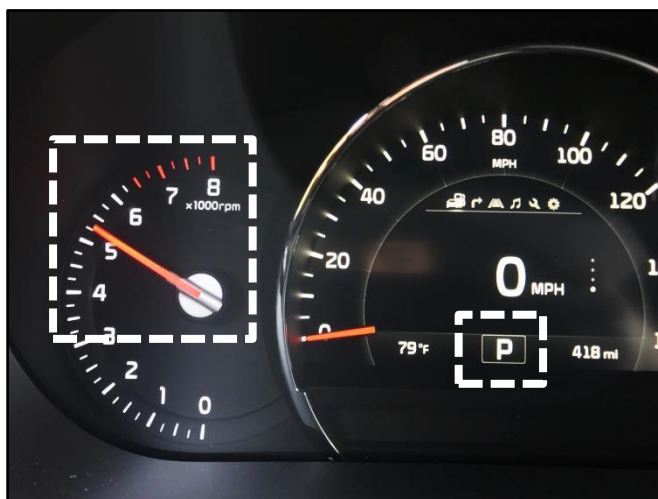


5. After the 5th time of performing step 3, shift the vehicle to “Park” and perform the next step within ten (10) seconds.



6. With the vehicle in “Park”, push on the accelerator pedal fully, wide-open throttle (WOT) at approximately 4,500 – 5,500 RPM, for two (2) seconds and then release the accelerator pedal and let the engine idle for one (1) second. **NOTE: during this step, listen for abnormal engine noises.**

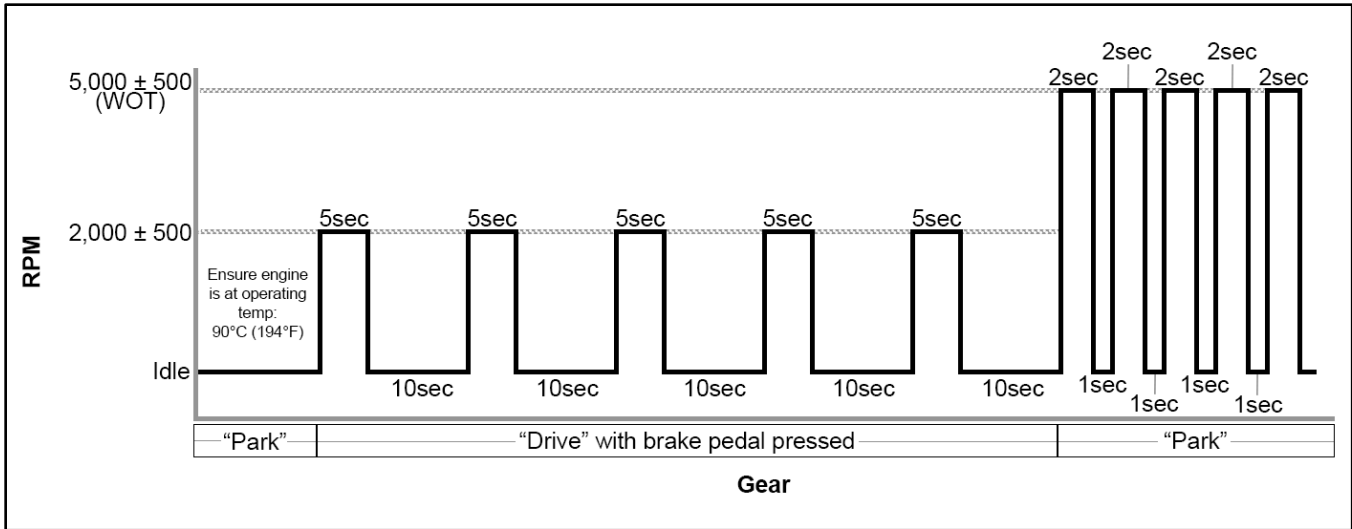
Repeat this step four (4) more times for a total of five (5) times.



7. If there is no engine failure and/or abnormal engine noise, no further action is required.
If there is engine failure and/or abnormal engine noise, contact your DPSM for further instructions.

**SUBJECT: SERVICE ACTION: SORENTO (UMa) 3.3L
PRE-DELIVERY INSPECTION (SA345)**

Inspection Procedure Visualization:



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**SERVICE ACTION: SORENTO (UMa) 3.3L
PRE-DELIVERY INSPECTION (SA345)**

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sorento (UMa)	January 29, 2018 through February 20, 2018

WARRANTY INFORMATION:

N Code: N99 C Code: C99

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	23110 3L100	0	(SA345) 3.3L Pre-Delivery Inspection	180A06R0	0.7 M/H	N/A	0

*** NOTICE**

VIN inquiry data for this repair of the 262 vehicles is provided for tracking purposes only. Kia retailers should reference SA345 when accessing the WebDCS system.