

Engine Maintenance Required Message with DTC(s) P268111 and/or P268115

Service Category Engine/Hybrid System

Section Cooling

Market USA



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2021	ES250	
2019 - 2021	ES300H, UX200	

Introduction

Some 2021 ES 250 and 2019 – 2021 ES 300h and UX 200 model year vehicles equipped with an A25A-FKS, A25A-FXS, or M20A-FKS engine may exhibit a condition in which an “ Engine Maintenance Required” message is displayed in the Multi-Information Display (MID). Additionally, the vehicle will exhibit DTC(s) P268111 (Engine Coolant Bypass Valve Circuit Short to Ground) and/or P268115 (Engine Coolant Bypass Valve Circuit Short to Battery or Open). Follow the Repair Procedure in this bulletin to address this condition.

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Warranty Information

NOTE

Refer to Campaign Publication [24LE02](#) for warranty applicability and claim filing instructions.

Parts Information

MODEL	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
UX 200	16671-F2010	16671-F2030	Valve, Water	1
ES 250	16260-F0021	16260-F0310	Hose Assy, Water By-Pass, No.1	1
ES 300h	16260-F0010	16260-F0300		
All	00272-SLLC2		Coolant – Super Long Life	1

NOTE

Parts are vehicle specific. Do NOT order ALL parts listed in this table.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVi*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ Software version 2024.03.004.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 or by visiting *TIS – Diagnostics – Tools & Equipment – Techstream Order Portal*.

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Repair Procedure

1. Confirm the condition exists.
Is the "Engine Maintenance Required" message displayed in the MID?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
2. Using GTS+, perform a Health Check and inspect for ANY of the following DTCs:
 - P268111 – Engine Coolant Bypass Valve Circuit Short to Ground
 - P268115 – Engine Coolant Bypass Valve Circuit Short to Battery or Open
Does this vehicle contain ANY of the above listed DTCs?
 - **YES** — Continue to step 3.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
3. Is the vehicle a UX 200?
 - **YES** — Go to step 5.
 - **NO** — Continue to step 4.
4. Is the vehicle an ES 250 or an ES 300h?
 - **YES** — Go to step 6.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
5. Remove and replace the water valve.
 - A. Remove the water valve.
Refer to TIS, applicable model and model year Repair Manual:
 - [2019 – 2021](#) UX 200:
*Engine / Hybrid System – M20A-FKS (Cooling) –
Flow Shutting Valve (for Heater) – Removal*
 - B. Install the NEW water valve.
Refer to TIS, applicable model and model year Repair Manual:
 - [2019 – 2021](#) UX 200:
*Engine / Hybrid System – M20A-FKS (Cooling) –
Flow Shutting Valve (for Heater) – Installation*
 - C. Go to step 7.

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Repair Procedure (continued)

6. Remove and replace the water bypass valve hose assembly No. 1.
 - A. Remove the water bypass valve hose assembly No. 1.

Refer to TIS, applicable model and model year Repair Manual:

 - [2021](#) ES 250:
Engine / Hybrid System – A25A-FKS (Cooling) – Flow Shutting Valve (for Heater) – Removal
 - [2019 – 2021 \(06/2018 – 08/2020\)](#) ES 300h:
Engine / Hybrid System – A25A-FXS (Cooling) – Flow Shutting Valve – Removal
 - [2021 \(08/2020 – 08/2021\)](#) ES 300h:
Engine / Hybrid System – A25A-FXS (Cooling) – Flow Shutting Valve – Removal
 - B. Install the NEW water bypass valve hose assembly No. 1.

Refer to TIS, applicable model and model year Repair Manual:

 - [2021](#) ES 250:
Engine / Hybrid System – A25A-FKS (Cooling) – Flow Shutting Valve (for Heater) – Installation
 - [2019 – 2021](#) ES 300h:
Engine / Hybrid System – A25A-FXS (Cooling) – Flow Shutting Valve – Installation
 - C. Continue to step 7.
7. Using GTS+, clear ANY DTCs and test-drive the vehicle to confirm the condition has been resolved.