

Front Engine Accessory Drive Update

Release: 2

Technician Skill Level: A

Revision Note: 1/2026 Updated Labor Time

Market: North America

Service Category: Service Department

Applicability: Please refer to VDA+

Section: Function Group 263

Description:

Vehicles were assembled using the incorrect front engine accessory drive (FEAD) components.

Concern:

Incorrect FEAD components can lead to premature failure of the accessory belts.

Action:

Use the instructions in this document to install the correct FEAD components.

Warranty Information

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.			
Claim Type (used only when uploading from the Dealer Bus. Sys.)			B
Labor Code		Description	Hours
Main Code	2634-03-03-10	Drive Belt, Belt Tensioner, and Idler Pulley, Replacement (All)	0.7
	3218-03-02-01	Alternator Mounting Bracket, Replacement	0.7
	3218-03-02-05	Belt Tensioner, Alternator, Replacement	0.5
	2634-03-02-05	Bracket, Belt Tensioner/Engine Support Replace	3.3
Causal Part		24390274	
SCC Authorization Code		S4643	
Expiration Date		January 31, 2027	

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Parts Information

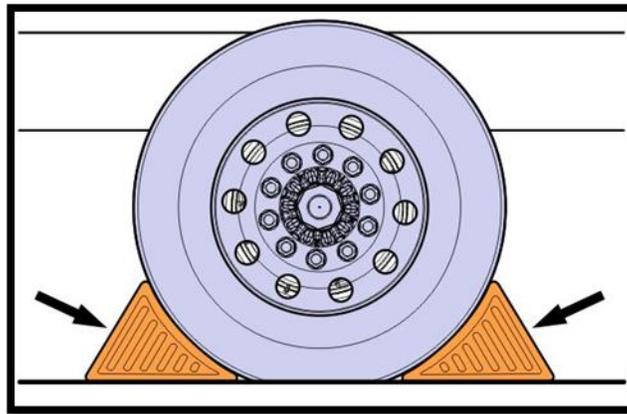
Order using the normal process

Part Number	Part Name	Quantity
21861873	Engine mount Bracket	1
24170327	Fan side: idler bracket	1
984754	Idler Bracket Mounting Screw	1
24390274	Fan side: idler pulley	1
24389899	Fan side: tensioner	1
60112984	Fan side: hex. socket screw, Tensioner	1
24147478	Alternator: bracket	1
24377136	Alternator: tensioner	1
984759	Alternator Tensioner Screw	1
24338502	Fan Belt	1
23857789	Alternator Belt	1
1547254	Sealing Ring	2
1547253	Sealing Ring	2
975675	Oring	1
975697	O-ring	1
21298915	Sealing Strip	1
1547252	Sealing Ring	1

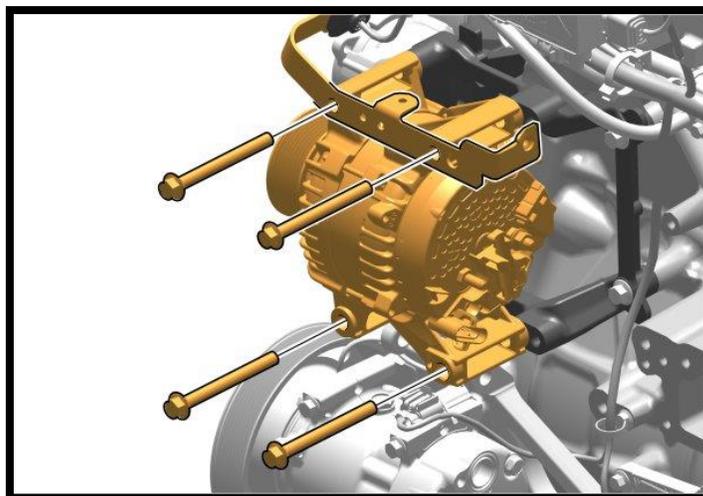
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Repair Procedure

1. Park the vehicle on level surface.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Turn off ignition.
5. Install wheel chocks.



6. Follow Impact operation **2634-03-02-05 Bracket, belt tensioner/engine support replace**. Pause once the fan belt is removed.
7. Follow Impact operation **3218-03-02-05 Belt Tensioner, Alternator, Replacement**. Pause once the belt and belt tensioner is removed.
8. Disconnect alternator electrical connectors.
9. Remove alternator. **(Retain alternator and hardware for reinstallation)**



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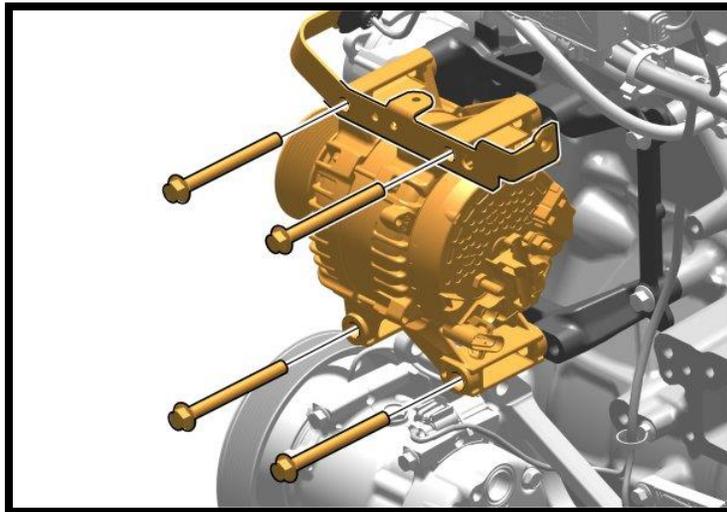
10. Remove and **discard** alternator mounting bracket. (**Retain hardware for reinstallation**)

11. Install new alternator mounting bracket (**PN-24147478**). Use **retained hardware**.

Tightening torque	
Alternator, screw	60 ±10 Nm (44 ±7 lbf·ft)

12. Install **retained** alternator using **retained** hardware.

Tightening torque	
Alternator Mounting Bracket, screws	60 ±10 Nm (44 ±7 lbf·ft)



13. Connect alternator electrical connections.

Tightening torque	
Alternator Terminal Nut	12 ±2 Nm (9 ±1 lbf·ft)

14. Resume Impact operation **3218-03-02-05 Belt Tensioner, Alternator, Replacement**. Use new parts listed below to complete operation.

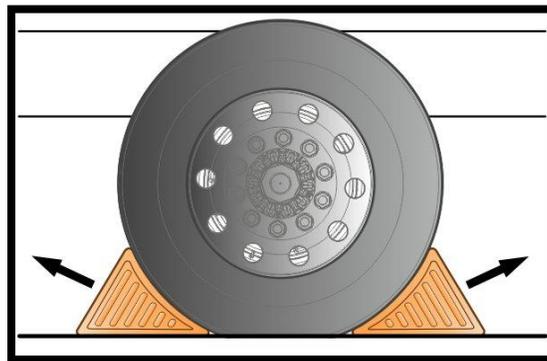
Part Number	Part Name	Quantity
24377136	Tensioner (Alternator)	1
984759	Tensioner Flange Screw (Alternator)	1
23857789	Alternator Belt	1

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15. Resume Impact operation **2634-03-02-05 Bracket, belt tensioner/engine support replace**. Use new parts listed below to complete operation.

Part Number	Part Name	Quantity
21861873	Engine mount Bracket	1
24170327	Idler Bracket	1
984754	Idler Bracket Mounting Screw	1
24390274	Idler Pulley	1
24389899	Tensioner	1
60112984	Tensioner Hex Screw	1
24338502	Fan Belt	1
1547254	Sealing Ring	2
1547253	Sealing Ring	2
975675	Oring	1
975697	O-ring	1
21298915	Sealing Strip	1
1547252	Sealing Ring	1

16. Remove wheel chocks.



17. Release truck.