

## Subject

**2020+ Ford Super Duty 6.8L and 7.3L Gas with Dual OEM Alternators  
UNDERHOOD™ 70 & 150 cfm System Compatibility Issue**

## SYSTEM OR PARTS AFFECTED

- V910031 UNDERHOOD 150 Air Compressor for F250~550 7.3L Gas 2020+
- V900131 UNDERHOOD 70 Air Compressor for F250~550 7.3L Gas 2020+
- V900141 UNDERHOOD 70 Air Compressor for F600 7.3L Gas 2023+
- V910041 UNDERHOOD 150 Air Compressor for F600 7.3L Gas 2023+
- V910042 UNDERHOOD 150 Air Compressor for F250~550 6.8L Gas 2023+
- V900142 UNDERHOOD 70 Air Compressor for F250~550 6.8L Gas 2023+

## OVERVIEW

- As outlined in the [VMAC Application List](#) the UNDERHOOD air compressor systems listed above are not compatible with 2020+ Model Year Ford F250~600 7.3L, and 2023+ Model Year Ford F250~550 6.8L, gasoline powered trucks that are equipped with Dual OEM alternators.
- If the installer determines that a single alternator will fulfill the truck's operational charging system requirements, conversion to single alternator is an option to accommodate the installation of the above UNDERHOOD systems.

***It is the responsibility of the installer of the VMAC UNDERHOOD system to verify that a single alternator charging system will meet or exceed the operational demands of the truck and its equipment.***

***Poor battery charging and any problems resulting from charging system alterations including the removal of the OEM secondary alternator during upfitter modifications are non-warrantable by both Ford and VMAC.***



***The conversion to single alternator will necessitate a change to one of the following belts: VMAC: 1610101, Gates: K060802, or Ford: JK6-805/LC3Z-8620-C  
All other required parts are included in the UNDERHOOD kit.***

## BEFORE YOU ORDER

- Ensure your customer's truck was not ordered with Option Code 67B: 397-Amp Dual Alternators (240A primary alternator and 157A secondary alternator).
- Read Ford SVE Bulletin Q-266R2 carefully at <https://madocumentupload.marketingassociates.com/api/Document/GetFile?v1=5329024&v2=032420095954&v3=60&v4=e18e933bd00f373a2b7237085cf1f92e5dc3ebe7d16046ae796d3dd5&v5=False> or scan the following QR code to view:



Document	Version	Department	Revision Details	Revised by	Tech	Engineering	Implemented
EXT-UH-002	C	Tech	New models added	BDJ	BDJ	MRH	2 Dec, 2023



# Technical Support

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If you have any questions or concerns regarding this document, please contact VMAC Technical Support at 1-888-241-2289 or [tech@vmacair.com](mailto:tech@vmacair.com) .

Document	Version	Department	Revision Details	Revised by	Tech	Engineering	Implemented
EXT-UH-002	C	Tech	New models added	BDJ	BDJ	MRH	2 Dec,2023