

Technical Support

Subject

2020+ Ford Transit 3.5L V6 Gas UNDERHOOD® 40 Dual Alternator Compatibility.

SYSTEM OR PARTS AFFECTED

- V400029 UNDERHOOD 40 for 2020-2024 Ford Transit Van with 3.5L EcoBoost V6 gas engine.
- V400039 UNDERHOOD 40 for 2020+ Ford Transit Van with 3.5L EcoBoost V6 gas engine.
- V400034 UNDERHOOD 40 for 2023 Ford Transit Van with 3.5L PFDi V6 gas engine.
- V400044 UNDERHOOD 40 for 2023+ Ford Transit Van with 3.5L PFDi V6 gas engine.

OVERVIEW

If a vehicle listed above is equipped with dual alternators, the engine must be converted to single alternator to install an UNDERHOOD 40 air compressor system.

If the secondary alternator is removed, the van must be programmed for single alternator operation by using the Ford Pro Upfit Integration System (UIS).

Go to the Ford Pro website at <https://www.fordpro.com/en-us/upfit/uis> for UIS access.

Within UIS, access can be gained to the Software Editor and current DBC files.

A valid FIN code is required.

If a valid FIN code has not been previously assigned, one must be requested through the Ford PRO website.

Version	Document	Department	Revision Details	Author	Reviewed by		Implemented
					Tech.	Eng.	
B	EXT-UH-017	Tech	Model Year Update	BDJ	N/A	KRM	8 May 2025