

Subject
2006+ GM 6.6L Diesel Dual Alternator to Single Alternator

System or Parts affected

UNDERHOOD™ 70 (V900113 V900133 V900135 V900143)
2006+ Chevrolet/GMC C/K2500HD-C/K3500HD, 2019+ Chevrolet 4500-6500, 2019+ International CV515, 6.6L Duramax Diesel equipped with OEM Dual Alternators

Overview

VMAC's V900113, V900133, V900135, and V900143 UNDERHOOD™ 70 compressor systems are only compatible with the above if truck is converted to single alternator system by removing the Auxiliary Secondary Alternator.

Before you start



Confirm that the electrical demands in the truck will be met by the output of the single Primary Alternator, before moving forward with removal of Auxiliary Secondary Alternator.

Resolution

- Information received from GM's Upfitter Integration Department regarding removal of the Auxiliary Secondary Alternator states that the truck's electrical system will not sense that the Secondary Alternator has been removed.
- The charging cables remaining from the Secondary Alternator are live with system voltage and must be appropriately insulated & secured to prevent any shorts or electrical faults.
- Vehicles converted to single alternator will use the same OEM belt and belt routing as used on single alternator vehicles. Removal of the OEM back idler used on dual alternator vehicles (Figure 1) is required for VMAC fitment .

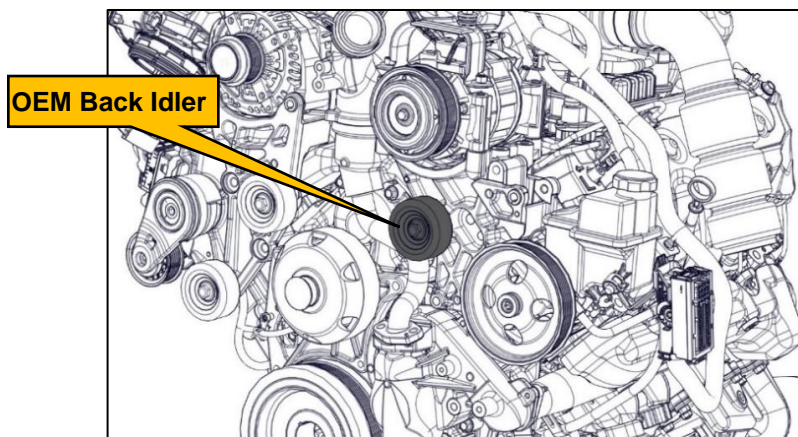


Figure 1

- If you have specific questions or concerns about converting any of the above Chevrolet/GMC/International trucks to a single alternator, please contact your nearest GM service center.

If you have questions or concerns about this document, please call VMAC Technical Support at 1-888-241-2289 or email tech@vmacair.com .

Document	Version	Department	Revision Details	Revised by	Tech	Engineering	Implemented
EXT-VR-089	G	Tech	Updated	BDJ	N/A	KM	21 Apr 2020