



Technical Support

Subject
Cummins 6.7L Alternate Crank Pulley Adaptor Kits

System or Parts affected

A900014: VR70 system V900104 / V900114		A900014: VR70 system V900106 / V900116	
2007-2012	2500-3500 Chassis Cab & 4x4 Pick Up	2008-2012	4500-5500 Chassis Cab
<ul style="list-style-type: none"> P/N# 1800234 6.7L Dodge Crank Pulley P/N# 1520645 M12x1.25x50 Bolt (x4) P/N# 1570492 M12 Flat Washer (x4) 		<ul style="list-style-type: none"> P/N# 1800234 6.7L Dodge Crank Pulley P/N# 1520645 M12x1.25x50 Bolt (x4) P/N# 1570492 M12 Flat Washer (x4) 	
A900015: VR70 system V900126 / V90G126		A900015: VR70 system V90136 / V90G136	
2013-2014	3500-5500 Chassis Cab, 2500-3500 Pick Up	2015	3500-5500 Chassis Cab, 2500-3500 Pick Up
<ul style="list-style-type: none"> P/N# 1800235 6.7L Dodge Crank Pulley P/N# 1520645 M12x1.25x50 Bolt (x4) P/N# 1570492 M12 Flat Washer (x4) 		<ul style="list-style-type: none"> P/N# 1800235 6.7L Dodge Crank Pulley P/N# 1520645 M12x1.25x50 Bolt (x4) P/N# 1570492 M12 Flat Washer (x4) 	
A910005: VR150 system V910013		A910005: VR150 system V910023	
2013-2014	3500-5500 Chassis Cab, 2500-3500 Pick Up	2015	3500-5500 Chassis Cab, 2500-3500 Pick Up
<ul style="list-style-type: none"> P/N# 1800236 6.7L Dodge Crank Pulley P/N# 1520645 M12x1.25x50 Bolt (x4) P/N# 1570492 M12 Flat Washer (x4) 		<ul style="list-style-type: none"> P/N# 1800236 6.7L Dodge Crank Pulley P/N# 1520645 M12x1.25x50 Bolt (x4) P/N# 1570492 M12 Flat Washer (x4) 	

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Overview

The VMAC crank pulley for the Underhood system makes use of the inner bore on the OEM harmonic balancer for alignment. In some cases where the OEM balancer has been replaced this locating feature cannot be used.

VMAC has developed 3 adaptor kits to address this issue on the various VMAC systems and vehicle models: A900014, A900015 and A910005.

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Resolution:

Installing the VMAC Crank Pulley:

- Place the OEM crank pulley on the front of the crankshaft and rotate it to align it with the locating pin. Route the belt as per (Figure 1.1) but leave the belt loose.

Note: Do not tension the OEM belt before the OEM crank pulley bolts are torqued.

- Place the VR pulley in front of the OEM crank pulley and align it with the locating pin. Ensure the OEM belt is routed around the OEM crank pulley before installing the VMAC crank pulley.

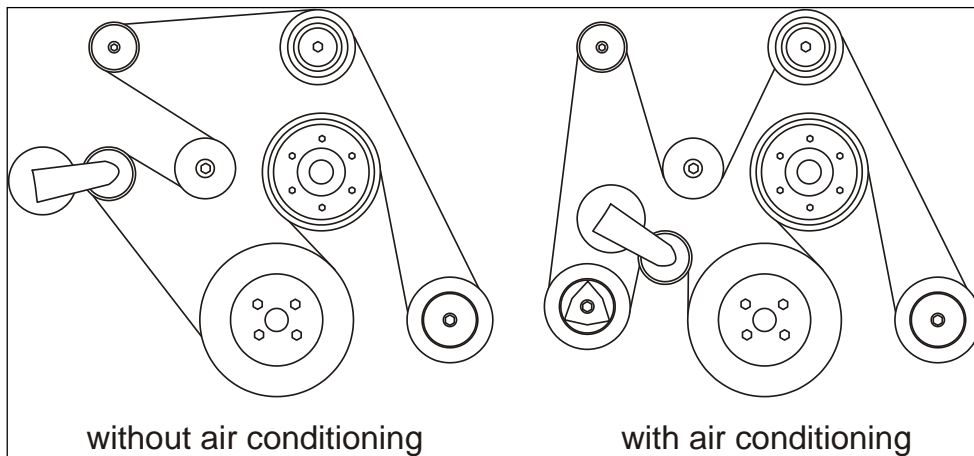


Figure 1.1 – Belt routing

- Apply Loctite to the four supplied bolts and flat washers and install them through the two pulleys into the crankshaft. Torque the crank pulley bolts to 69 ft-lbs.
- Check the OEM belt routing diagram for the correct installation (Figure 1.1).
- From this stage forward continue with the steps in your installation manual

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