

2025-2026 RAM 2500-5500 6.7L I6 Cummins Diesel w/ A/C, w/o OEM Dual Alternators

For use w/ GM/Vortec 92V Style Alternator Must use 8-Groove, 2-1/2" Diameter Pulley Approximately 320% Overdriven w/ 2-1/2" Diameter Pulley

INSTALLATION NOTES

- 1. The buyer is responsible for providing trained and experienced installation decision making with technical know-how to apply professional judgment that specifically applies to each individual installation.
- 2. Be sure to read and understand all available information including but not limited to instructions, warnings, sale terms, and warranties for the vehicle and all system components prior to attempting installation.
- 3. Disconnect the negative battery cables. Remove the plastic cover over the radiator. Drain coolant and remove the upper radiator hose.
- 4. Remove the driver's side fan shroud brace. Remove the OEM serpentine belt. The OEM fan shroud brace and serpentine belt will not be reused.
- 5. If the vehicle is equipped with OEM dual alternators, first, reprogram the ECM for a single alternator setup. Then, remove the secondary alternator and secondary alternator bracket. They will not be reused.
- 6. Install the auxiliary alternator according to the manufacturer's specifications onto the main bracket (1) with mounting hardware (15). Install the main bracket (1) and auxiliary alternator assembly onto the engine at mounting location [A] with mounting hardware (3-5). Make sure to secure the wire harness away from any hot or moving parts.
- 7. Install the smooth idler pulley assembly (11-14) onto the main bracket (1).
- 8. Install belt (16) according to the belt diagram.
- 9. Install fan shroud support brace (6-7) according to the reference photo below.
- 10. Install the upper radiator hose modification brace (8) onto the engine at mounting location [B] with OEM nut. Rotate brace (8) slightly clockwise until it hits the tab on the EGR hose support brace. Reinstall the upper radiator hose onto brace (8) with mounting hardware (9-10). Spacer (10) will go in between the OEM adel clamp and brace (8). Use professional judgment to determine the best fit of the upper radiator hose that will clear the auxiliary alternator, any hot and moving parts, and will not cause any leaks. Properly secure all clamps and hardware.
- 11. Reinstall the plastic cover over the radiator and fan shroud support brace (9-10). Properly refill the coolant. Reconnect the battery cables.

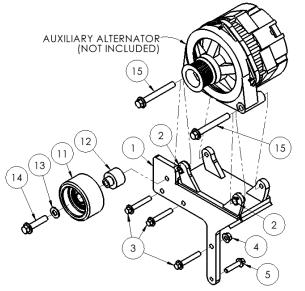
<u>CAUTION</u>: Before starting the engine, check to make certain no wires, hoses, etc. that may have been disturbed during installation do not come in contact with any hot or moving parts. Properly refill any fluids that may have been drained, check for leaks. Run the engine and check for proper belt tracking and clearance of any hoses, wires, etc. It is the installer's responsibility to correct/adjust any components, if necessary, before the vehicle is put into service.



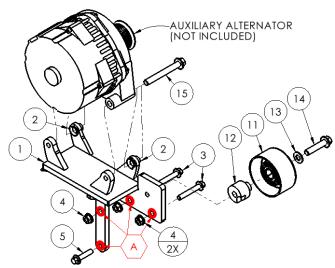
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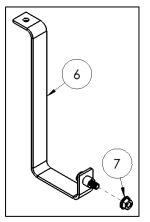
Parts List



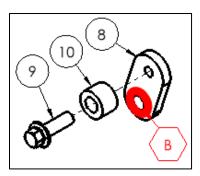




Back View



Fan Shroud Support Brace (6-7)



Upper Radiator Hose Modification Brace (8-10)

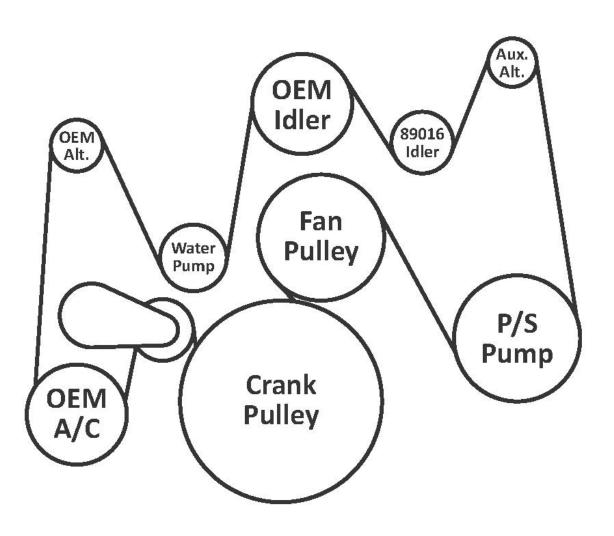
PARTS LIST									
Item	Part Number	Description	Qty.	Item	Part Number	Description	Qty.		
Main Bracket					Smooth Idler Pulley Assembly				
1	RMP6292V-18	Main Bracket	1	11	89016	Dayco Smooth Idler Pulley	1		
2	1011888A	M14 Slide Bushing (Installed)	2	12	DMB594	Machined Idler Bushing	1		
Main Bracket Mounting Hardware				13	1002596	3/8" Flat Washer	1		
3	1013316	M8-1.25 x 50mm 10.9Gr Hex Flg. Bolt	3	14	1006633	M10-1.5 x 45mm 10.9Gr Hex Bolt	1		
4	1013333	M8-1.25 10.9Gr Hex Flg. Nut	3		Auxiliary Alternator Mounting Hardware				
5	1018224	M8-1.25 x 35mm 10.9Gr Hex Flg. Bolt	1	15	1006928	M10-1.5 x 80mm 10.9Gr Hex Flg. Bolt	2		
Fan Shroud Support Brace									
6	RMB623	Fan Shroud Support Brace	1						
7	1013333	M8-1.25 10.9Gr Hex Flg. Nut	1						
Upper Radiator Hose Modification Brace									
8	RMB624	Upper Radiator Hose Modification Brace	1						
9	1011887	M8-1.25 x 25mm 10.9Gr Hex Flg. Bolt	1						
10	SP64-0.500	3/4"OD x .403"ID x 1/2" Length Spacer	1						



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Belt Routing



PARTS LIST							
Item	Part Number	Description	Qty.				
Belt							
16	K081377	Gates 8-Groove, 137.7" Belt	1				

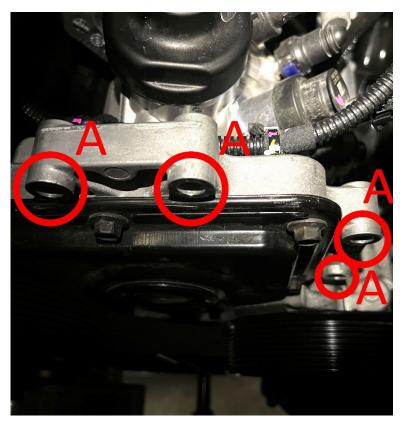
CW Mill Equipment Co., Inc. 14 Commerce Drive Sabetha, KS 66534 Phone: (785) 284-3454 Fax: (785) 284-3601

Phone: (785) 284-3454
Fax: (785) 284-3601
Email: brackets@cwmill.com
Website: www.cwkits.com

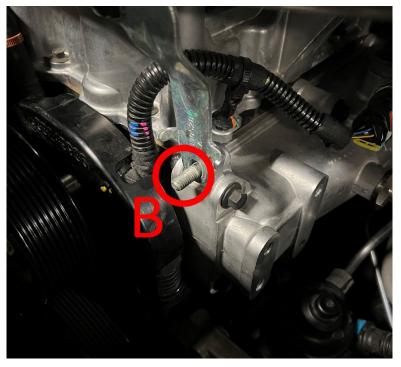
RMK6292V-I8

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Main Bracket Mounting Location [A]



Upper Radiator Hose Modification Brace Mounting Location [B]



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Fan Shroud Support Brace



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INSTALLER NOTES / DISCLAIMER

CW Mill Equipment Co., Inc. Mounting Kit and Mounting Kit Component Disclaimer: (1.) Due to the custom nature and variation of all add-on systems of this type, no complete system kits are offered by the manufacturer, and any group of parts marketed as a kit is limited to only the individually defined parts in that specific kit. The system designer's rotating accessory components are not included, offered, or fully known by the manufacturer. In addition to the absence of the rotating accessory system, other potential components such as additional clamps, brackets, wear liners, hardware, or other items that may be required by the system designer must be identified and supplied by the actual system designer. (2.) Due to vehicle manufacturer's assembly tolerances, production changes, and installation variances, it is the buyer's responsibility to ensure adequate clearance for all components including space for and safe location of the fan, radiator, all lines, and wires. Check for possible movement, vibration, friction points, heat exposure and/or shifting of any and all components such as hoses, wires, and all other components including those that may otherwise be considered non-moving and/or unaffected by the installation (3.) The buyer is responsible for the entire installation of a mounting kit as the mounting kit is part of a custom process controlled by the buyer through their whole system design and directed installer as the installer evaluates, locates, routes, aligns, and tightens all components while determining if additional clamps, brackets, wear-liners, or other components may be required, beyond those included in the kit. Any additional items required, beyond those included in the kit, are to be provided at the expense of the buyer. (4.) The buyer is responsible for the development and communication of their whole system installation procedures, safety precautions, application, and use of the engine accessory mounting kit in their system, including efforts to maintain vehicle control and prevent pinch, wear, impact, and/or burn exposure on all hoses, wires, and other parts. (5.) The buyer is responsible for providing trained and experienced installation decision making with technical know-how to apply professional judgment that specifically applies to each individual installation. The buyers chosen installers must be qualified and experienced technicians that are familiar with the vehicle and accessory being mounted as well as the buyer's whole system design and installation procedures associated with the kit. (6.) The buyer is responsible for determining and achieving compliance to all regulatory issues that apply to the use of all products. (7.) The manufacturer reserves the right to make changes and/or improvements to any product at any time with or without notice.