

CW MILL EQUIPMENT CO., INC. MOUNTING KIT & 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 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.

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. It is recommended to put these installation instructions inside the glove box of the vehicle after the installation process is completed. If a sticker is provided, write the kit number on the sticker and place it in a visible location under the hood of the vehicle.
4. It is recommended to use a mild grade (blue) Loctite on all fasteners provided in this mounting kit unless otherwise specified to resist engine vibrations and vehicle operations from working the fasteners loose.
5. Disconnect the negative battery cables. Remove the plastic covers over the radiator and engine. It is not necessary, but for easier access, drain the coolant and remove the upper radiator hose.
6. Remove the driver's side fan shroud brace. The lower bolt of this fan shroud brace will need to be removed in a responsible way. Remove the OEM serpentine belt. The OEM fan shroud brace and serpentine belt will not be reused.
7. Remove the OEM secondary alternator and set it aside. The OEM secondary alternator mounting bolts will be reused. Remove the OEM secondary alternator bracket. The OEM secondary alternator bracket and bolts will not be reused.
8. Install the OEM secondary alternator mounting bracket (5) at mounting location [B] with mounting hardware (6). Do not completely tighten mounting hardware (6) at this time.
9. Install the main bracket (1) at mounting location [A] with mounting hardware (2-4). Make certain that the OEM secondary alternator mounting bracket (5) is flush with the backside, upper portion of mounting location [A]. Once this is achieved, tighten mounting hardware (2-4). Then, tighten mounting hardware (6).
10. Unplug the wire harness by the fuse box. The wire harness and small power steering hose will need to be rerouted above the auxiliary A/C compressor. Prepare for this. Install the auxiliary A/C compressor according to the manufacturer's specifications onto main bracket (1) with mounting hardware (16-17). The fuel pump sensor/wire will route above the auxiliary A/C compressor. Rotate the power steering hose that goes from the power steering reservoir to the power steering pump, so that way it clears the auxiliary A/C compressor and will not be disturbed during the vehicle's operations. Make sure to secure the wire harness and small power steering hose away from any hot or moving parts during the vehicle's operations. Reconnect the wire harness.
11. Reinstall the OEM secondary alternator onto mounting bracket (5) with the OEM secondary alternator mounting bolts. It may be necessary to adjust the OEM secondary alternator's slide nuts to reinstall. Make certain the alternator slide nuts readjust to contact mounting bracket (5) when tightening the OEM mounting bolts. Reconnect the OEM secondary alternator.

INSTALLATION NOTES

12. Install the smooth idler pulley assembly (12-15) onto the main bracket (1).
13. Due to the auxiliary component specifications not being fully known by the manufacturer of this mounting kit and other factors. The following procedure must be followed completely when installing the belt. **DO NOT put the vehicle into service if all the following procedure and criteria is not met.** It is the installer's responsibility to make certain all the following procedure is met and to adjust the appropriate components, if necessary, before the vehicle is put into service:
 - a. Check that the pulleys and belt(s) have no visible damage to them or existing debris.
 - b. Check to make certain the new and adjusted smooth and grooved pulleys are in parallel with each other and/or the next closest OEM smooth and grooved pulley(s).
 - c. Using a straight edge and caliper, belt alignment laser, or another suitable tool(s). Measure the alignment of the new and adjusted grooved pulley(s) in reference to each other and/or the next closest OEM grooved pulley in the belt routing. In general, the tolerance of alignment is +/- 1mm.
 - d. Make certain that the tensioner can freely move throughout its entire travel distance.
 - e. Install the belt (18) and route it as shown in the belt routing illustration. Visually make certain that the belt is properly seated on all pulleys.
 - f. Check the tensioner position. Ideally, upon initial belt install, the tensioner should be over halfway to its max travel position ("tight side"), but not completely to its max travel position. Over time, the belt will work itself into the grooves of the pulleys and slightly stretch. The tensioner position should move closer to the halfway (nominal) position in its travel distance.
 - g. Check all around the belt to make certain that the belt does not/will not come into contact with any wires, hoses, brackets, etc. at this moment. Properly adjust any components, if necessary, to gain as much clearance as possible.
14. Install fan shroud support brace (7-8) according to the reference photo.
15. Install the upper radiator hose brace (9) onto the engine at mounting location [C] with OEM nut. Rotate brace (9) slightly clockwise until it hits the tab on the EGR hose support brace. Reinstall the upper radiator hose onto brace (9) with mounting hardware (10-11). Spacer (11) will go in between the OEM adel clamp and brace (9). Use professional judgment to determine the best fit of the upper radiator hose that will clear the OEM secondary alternator, any hot and moving parts, and will not cause any leaks. Properly secure all clamps and hardware.

INSTALLATION NOTES

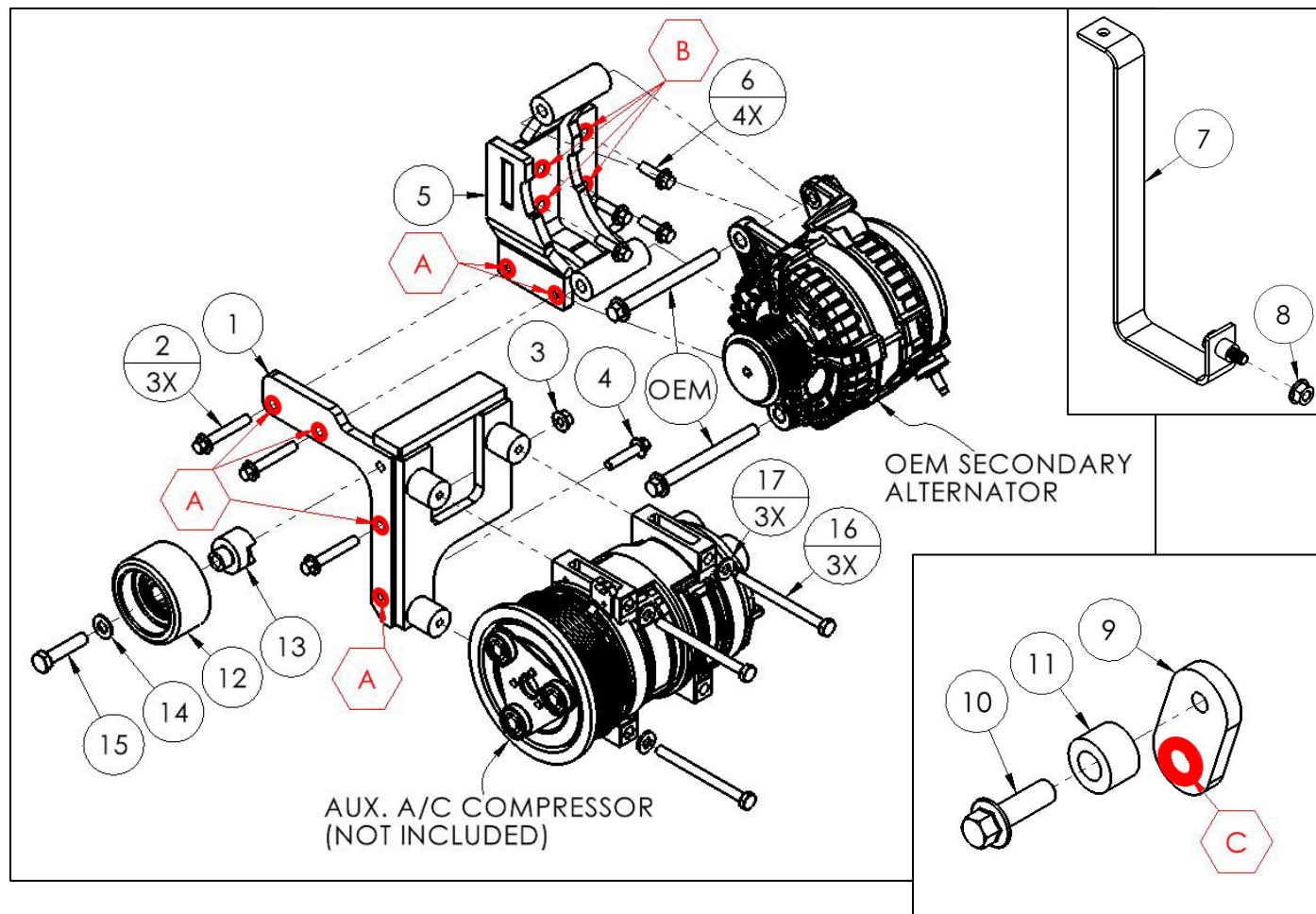
16. Reinstall the plastic cover over the radiator and fan shroud support brace (7). Reinstall plastic cover over the engine. Make certain that all fasteners are properly tightened or connected. Reinstall any components that may have been removed. Check for any excessive movement of the newly installed or modified components. Reconnect any wires or wire harnesses that have been disconnected. Properly refill any fluids that may have been drained. Reconnect the battery cables.
17. Due to the operational functions of the vehicle not being fully know by the manufacturer of this mounting kit and other factors. The following procedure must be followed completely when the mounting kit installation is completed. **DO NOT put the vehicle into service if all the following procedure and criteria is not met.** It is the installer's responsibility to make certain all the following procedure is met and to adjust the appropriate components, if necessary, before the vehicle is put into service:
 - a. Before starting the engine, check to make certain no wires, hoses, etc. that may have been disturbed during installation do not/will not come into contact with any hot or moving parts.
 - b. Start the engine. Visually, check for proper belt tracking and clearance of any hoses, wires, etc. Visually, check for excessive vibrations.
 - c. Run the accessory component(s) under operational: loads, engine speeds, and working conditions. Visually, during these operational parameters: Recheck for proper belt tracking and clearance of any hoses, wires, etc. Recheck for excessive vibrations. Recheck the tensioner position, make certain that it does not reach its max travel or free arm position at any time and can properly move throughout its travel distance.
 - d. Verify that the belt does not squeak, chirp, walk, whip, or slip on any accessory components during operational: loads, engine speeds, and working conditions.
 - e. Check for fluid leaks.
 - f. Use professional and experienced decision making to make certain that all wires, hoses, components, brackets, etc. are properly functioning and do not/will not come into contact with any hot, moving, or nonmoving parts that may affect the vehicle's operational and safety compacities. Properly adjust any components, if necessary, to gain as much clearance as possible.

RMK62TM21-I8DA

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

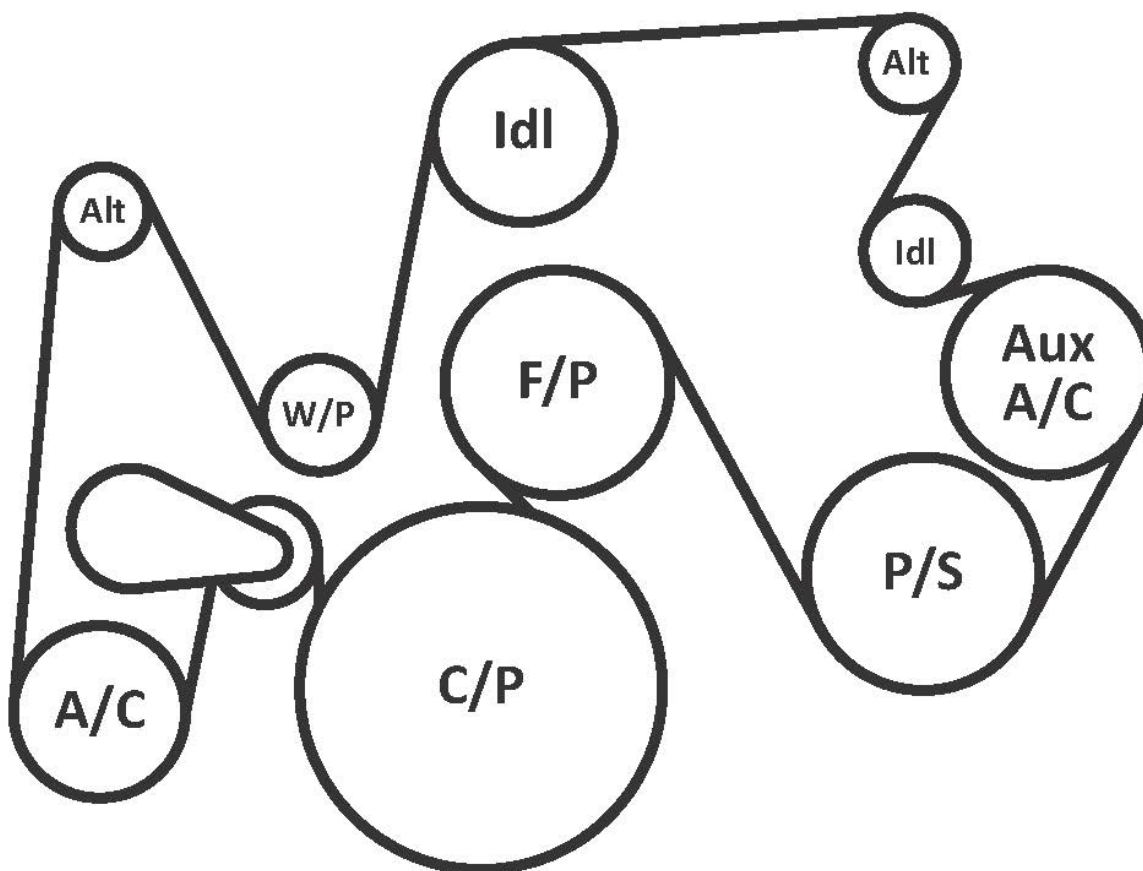
For use w/ TM21 Direct-Mount Compressor
 w/ 8-Groove, 127mm Diameter Clutch
 Approximately 160% Overdriven w/ 127mm Diameter Clutch

Parts List



PARTS LIST							
Item	Part Number	Description	Qty.	Item	Part Number	Description	Qty.
Main Bracket				Upper Radiator Hose Brace			
1	RMP62TM21-I8DA	Main Bracket	1	9	RMB624	Upper Radiator Hose Brace	1
Main Bracket Mounting Hardware				10	1011887	M8-1.25 x 25mm 10.9Gr Hex Flg. Bolt	1
2	1013316	M8-1.25 x 50mm 10.9Gr Hex Flg. Bolt	3	11	SP64-0.500	3/4"OD x .403"ID x 1/2" Legnth Spacer	1
3	1013333	M8-1.25 10.9Gr Hex Flg. Nut	1	Smooth Idler Pulley Assembly			
4	1018224	M8-1.25 x 35mm 10.9Gr Hex Flg. Bolt	1	12	89016	Dayco Smooth Idler Pulley	1
OEM Secondary Alternator Mounting Bracket				13	DMB594	Machined Idler Bushing	1
5	RMB625	OEM Secondary Alternator Mounting Bracket	1	14	1002596	3/8" Flat Washer	1
OEM Secondary Alternator Mounting Bracket Mounting Hardware				15	1006633	M10-1.5 x 45mm 10.9Gr Hex Bolt	1
6	1011887	M8-1.25 x 25mm 10.9Gr Hex Flg. Bolt	4	Auxiliary A/C Compressor Mounting Hardware			
Fan Shroud Support Brace				16	1011957	M8-1.25 x 100mm 10.9Gr Hex Bolt	3
7	RMB623	Fan Shroud Support Brace	1	17	1010202	M8 Flat Washer	3
8	1013333	M8-1.25 10.9Gr Hex Flg. Nut	1				

Belt Routing

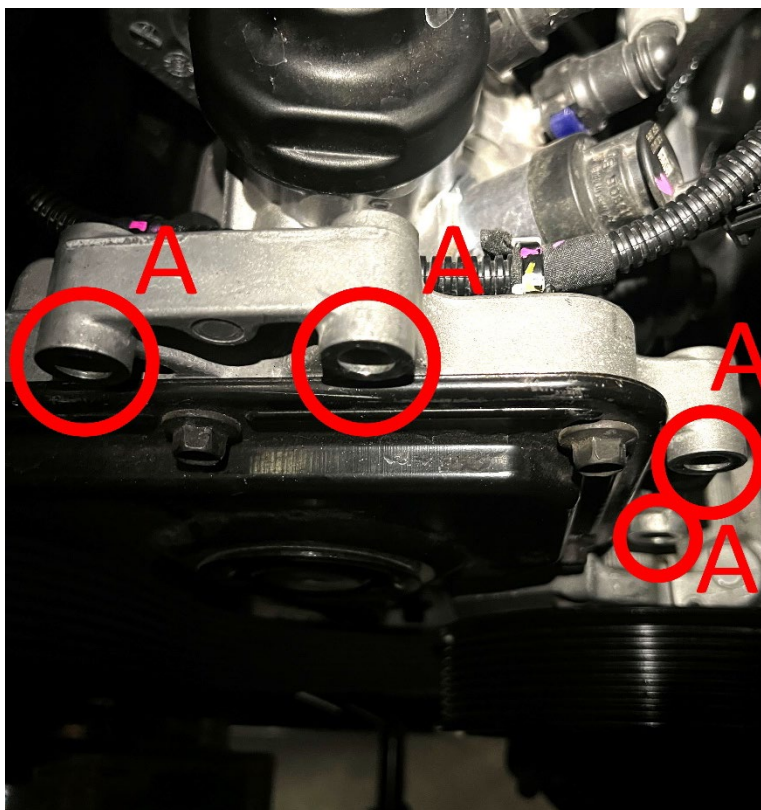


PARTS LIST			
Item	Part Number	Description	Qty.
Belt			
18	K081377	Gates 8-Groove, 137.7" Belt	1

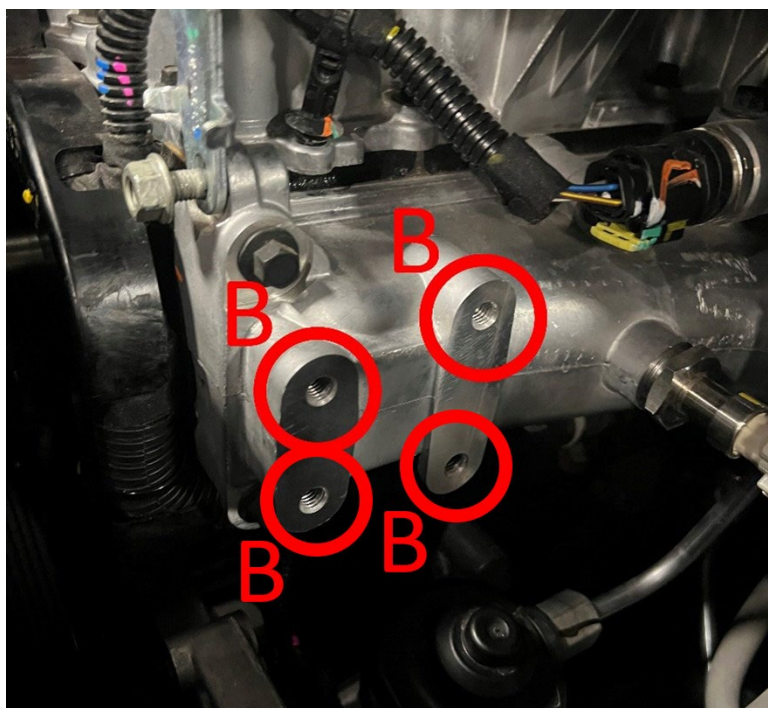
RMK62TM21-I8DA

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

For use w/ TM21 Direct-Mount Compressor
 w/ 8-Groove, 127mm Diameter Clutch
 Approximately 160% Overdriven w/ 127mm Diameter Clutch



Main Bracket Mounting Location [A]

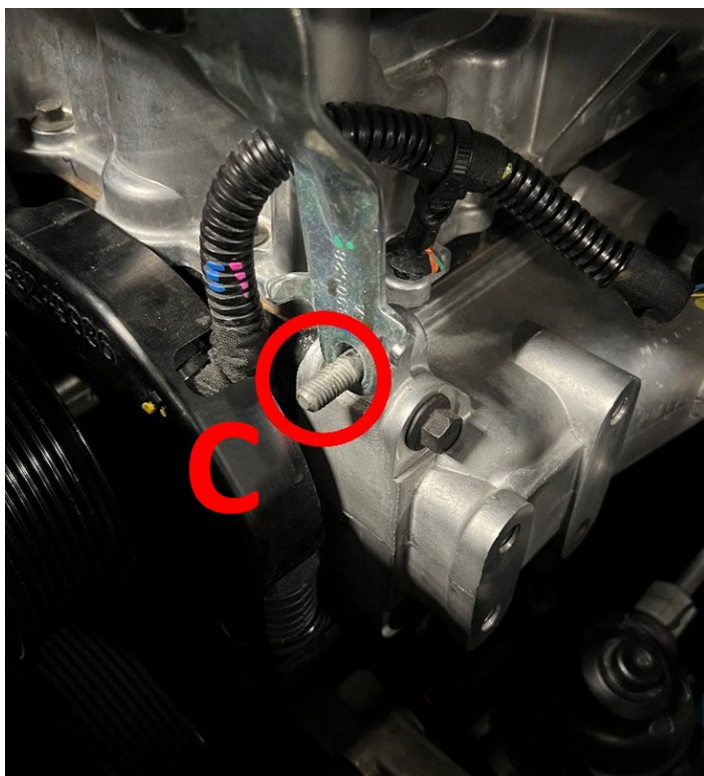


OEM Secondary Alternator Mounting Bracket
 Mounting Location [B]

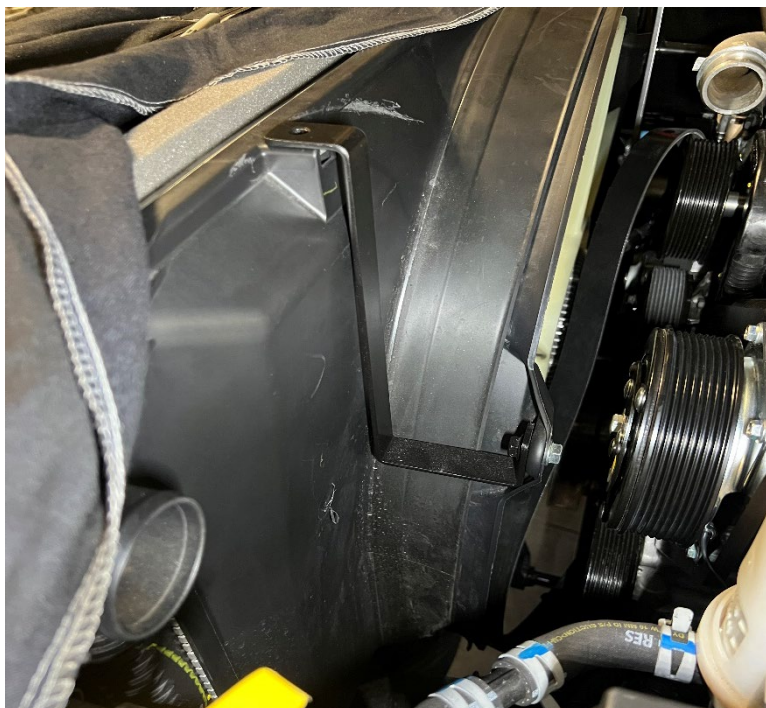
RMK62TM21-I8DA

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

For use w/ TM21 Direct-Mount Compressor
w/ 8-Groove, 127mm Diameter Clutch
Approximately 160% Overdriven w/ 127mm Diameter Clutch



Upper Radiator Hose Brace Mounting Location [C]



Fan Shroud Support Brace



2025-2026 RAM 2500-5500

For use w/ TM21 Direct-Mount Compressor

Approximately 160% Overdriven w/ 127mm Diameter Clutch

[illegible]

CW MILL MOUNTING KIT LIMITED WARRANTY

The warranty contained is exclusive and expressly in lieu of all other warranties (written, oral, implied, or statutory) including but not limited to expressed or implied warranties of merchantability or fitness.

This Warranty is specific to CW Mill Mounting Kit and Kit Components.

CW MILL EQUIPMENT CO., INC. warrants that this component used by the original purchaser under normal use in North America, will be free from defects in material and workmanship for a period of 90 days from the date of delivery to end user when purchased from an authorized dealer.

Subject to the exclusions and limitations stated herein, **CW MILL EQUIPMENT CO., INC.** will correct any defects in materials and workmanship of which **CW MILL EQUIPMENT CO., INC.** is informed within the required time period

1. **LIMITATIONS:** THE SOLE RESPONSIBILITY OF **CW MILL EQUIPMENT CO., INC.** UNDER THIS WARRANTY SHALL BE TO REPAIR AND/OR REPLACE PARTS AT THE **CW MILL EQUIPMENT CO., INC.** FACTORY, OR AT A LOCATION APPROVED IN WRITING BY **CW MILL EQUIPMENT CO., INC.** **CW MILL EQUIPMENT CO., INC.** SHALL NOT BE HELD RESPONSIBLE FOR ANY COST OF LABOR, TRANSPORTATION OF THE COMPONENT TO OR FROM THE LOCATION OF REPAIR, NOR FOR ANY DAMAGES RESULTING FROM THE LOSS OF USE, INCONVENIENCE, COMMERCIAL LOSS, LOSS OF TIME, OR ANY OTHER TYPE OF DAMAGES, GENERAL OR SPECIFIC, FORESEEN OR UNFORESEEN, CONSEQUENTIAL OR INCIDENTAL.
2. **ORIGINAL PURCHASER:** This WARRANTY is extended to the original purchaser only and is terminated upon sale, assignment, or other transfer of the component by the original purchaser.
3. **SPECIFIC EXCLUSIONS:** This warranty specifically excludes the following:
 - (a) PARTS AND EQUIPMENT WHOSE OWN ORIGINAL MANUFACTURERS WARRANTY WILL APPLY.
 - (b) WEAR PARTS.
 - (c) Other components not related to Mounting Kits.
 - (d) Items sold as is, used, pre-owned, and rebuilt parts.
 - (e) Customer or installer supplied components including clamps, shields, brackets, wear-liners, hardware, etc., possibly added during the install.
 - (f) Items damaged by the installer and/or installer's component routing, placement, alignment, or tightness.
 - (g) Items damaged through Inadequate Clearance or Heat, including fans, radiators, lines, wires, etc.
 - (h) **NOTE: Due to truck manufacturer's assembly tolerances, production changes, and installation variances, it is the buyer's responsibility to insure adequate clearance for all components including space for and safe location of the fan, radiator, all lines, and all 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. The buyer is to supply additional clamps, shields, brackets, wear-liners, hardware, etc., as needed for actual installation.**
4. **NORMAL USE:** This WARRANTY covers only defects in original components which arise from normal use in processing and does not apply if the component has been subject to negligence, accident, overload, alteration, inadequate maintenance, abuse, excessive vibration, or has been repaired or modified without the prior written consent of **CW MILL EQUIPMENT CO., INC.**
5. **PRIOR WRITTEN CONSENT:** Any repairs made other than at **CW Mill Equipment Co., INC.** factory must be authorized by **CW MILL EQUIPMENT CO., INC.** in writing. No reimbursement will be made to any dealer or owner for repairs made without the prior written consent of **CW MILL EQUIPMENT CO., INC.**
6. **REQUIRED PROCEDURES:** In order to expedite the correction of any problems covered by this warranty, the following procedures **MUST BE FOLLOWED:**
 - (a) If you feel you have a warranty problem and wish to start a warranty claim, notify your dealer or the factory by phone, at 800-734-3491, or by fax at 785-284-3601 and registered letter addressed to **CW MILL EQUIPMENT CO., INC.** P.O. Box 246, Sabetha, KS 66534, within five (5) days after detection of the defect. Include your name, address, work and home phone numbers, a complete description of the problem, the serial number of the machine or vehicle that the component was intended for, the location of the component, and the name of the dealer from whom the kit was purchased.
 - (b) **CW MILL EQUIPMENT CO., INC.** requires the equipment owner to furnish a purchase order to **CW MILL EQUIPMENT CO., INC.** authorizing and acknowledging that if the problem is not covered by the **CW MILL EQUIPMENT CO., INC.** warranty, the equipment owner agrees to pay for all expenses incurred by **CW MILL EQUIPMENT CO., INC.** in servicing the equipment.
 - (c) **CW MILL EQUIPMENT CO., INC.** shall not reimburse purchaser for any repairs or adjustments without prior **WRITTEN APPROVAL** from **CW MILL EQUIPMENT CO., INC.**
7. **DISCLAIMER:** **CW MILL EQUIPMENT CO., INC.** MAKES NO REPRESENTATION OR WARRANTY OF ANY OTHER KIND, EXPRESSED OR IMPLIED, WITH RESPECT TO MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR ANY OTHER MATTER.
8. **DISCLAIMER:** NO ONE, INCLUDING AN AUTHORIZED **CW MILL DEALER**, IS AUTHORIZED TO MAKE ADDITIONAL WARRANTIES ON BEHALF OF **CW MILL EQUIPMENT CO., INC.** IN REGARD TO THIS UNIT.
9. ANY FAILURE BY THE CUSTOMER TO PAY BILLED INVOICES WITHIN DEFINED TERM~~S~~ SHALL BE CAUSE FOR **CW MILL EQUIPMENT CO., INC.** TO WITHHOLD ANY WARRANTED ITEM AND/OR FUTURE PURCHASES.
10. **CW MILL EQUIPMENT CO., INC.** DOES NOT GUARANTEE ANY RETURN FOR CREDIT OR EXCHANGE PRIVILEGE ON ANY PART, KIT, OR ASSEMBLY.
11. **CW MILL EQUIPMENT CO., INC.** reserves the right to make changes and / or improvements to its product offering up to the point of shipment and to the end of any applicable warranty period within the confines of applicable quotations and / or sales orders made specifically for the purchaser defining specific product configurations required in the sale. Other product variances may occur between similar past, present, & future units. Product configurations and design standards for all **CW MILL EQUIPMENT CO., INC.** products are subject to change without notice. **CW MILL EQUIPMENT CO., INC.** design evolution and / or product variance are not cause for warranty upgrade or change unless deemed necessary at the sole judgment of **CW MILL EQUIPMENT CO., INC.**
12. **GENERAL INSTALLATION DETAILS:**
 - (a) The buyer is responsible for the entire installation of a mounting kit as the mounting kit is a part of a custom process controlled by the buyer through their whole system design and their 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.
 - (b) 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.
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