



FMK54TK312-I6

2021 Ford F650-F750 Super Duty
7.3L V8 Gas w/-w/o A/C, w/o Dual Alternators

Requires 6-Groove Clutch
For use with TK312 Compressor

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, sales terms, and warranties for the vehicle and all system components prior to attempting installation.
3. Disconnect both negative battery cables.
4. Remove fan clutch wire and bracket from engine. Remove OEM belt. Disconnect alternator wires and remove alternator. Remove OEM alternator bracket and bolts. Bolts will not be reused.
5. Install new bracket (1) with mounting hardware (2,3).
NOTE: Make sure to install bolt into bracket hole closest to water pump before installing bracket
6. Install OEM alternator with bolts (7,8). Install both idlers (4) with bushings (5) and bolts (6). Install A/C compressor with bolts (9,10).
7. Install belt (11). Install fan wires and bracket.

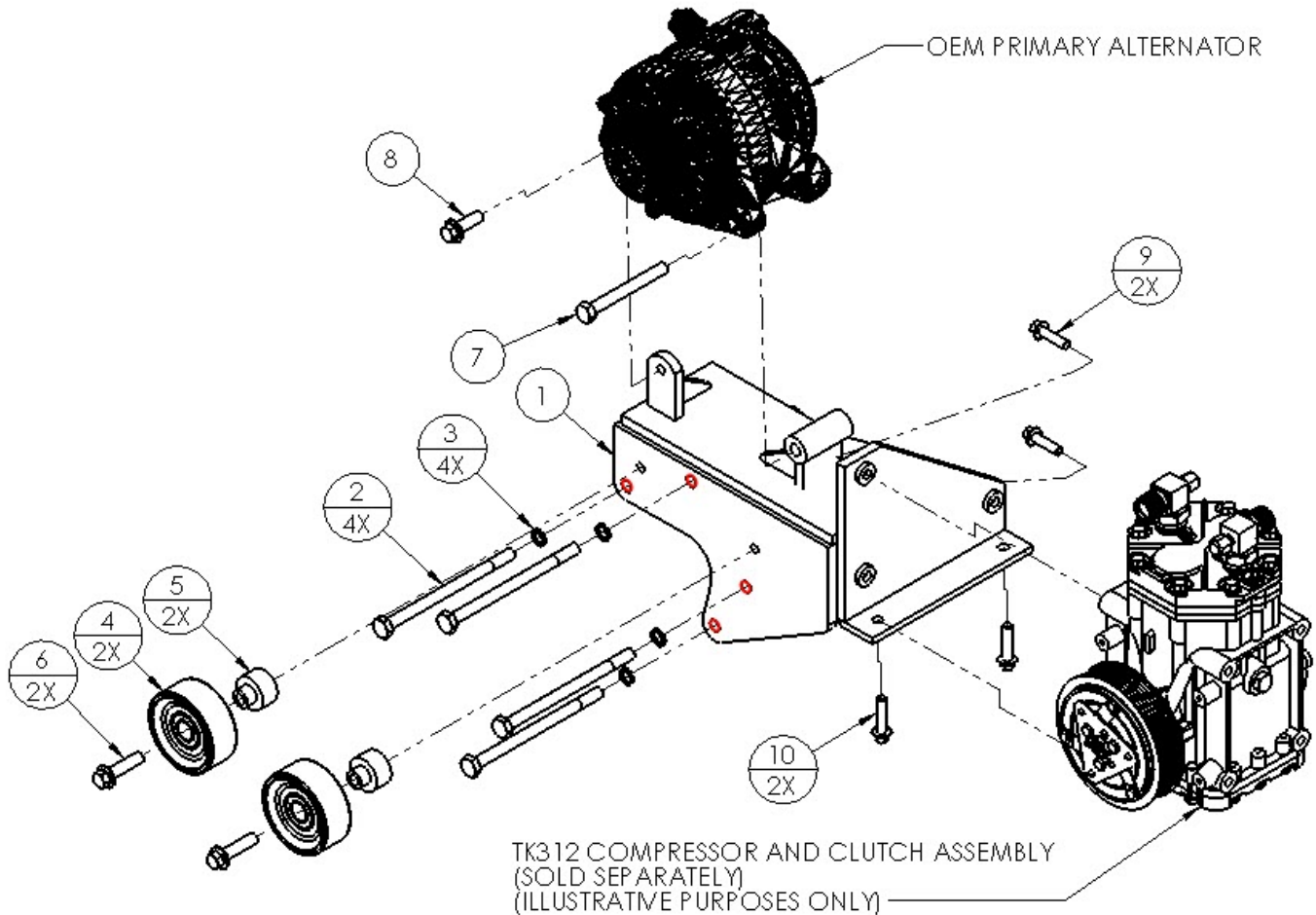
NOTE: Make certain any hoses or wires that were disturbed during installation do not come in contact with any hot or moving parts

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.

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PARTS LIST							
Item	Part Number	Description	Qty.	Item	Part Number	Description	Qty.
Bracket				Alternator Hardware			
1	FMB53TK312	Main Bracket	1	7	N/A	OEM 10mm x 90mm Bolt	1
Bracket Mounting Hardware				8	1006927	10mm x 30mm Flange Bolt	1
2	1005275	10mm x 150mm Bolt	4	A/C Hardware			
3	1003822	10mm Lock Washer	4	9	1013349	8mm x 30mm Flange Bolt	2
Idlers				10	1018224	8mm x 35mm Flange Bolt	2
4	89007	Smooth Idler Pulleys	2	Belt			
5	FMB241-1	Machined Bushing	2	11	5061105	Dayco 6-Groove 110.5" Belt	1
6	1006933	10mm x 40mm Flange Bolt	2				

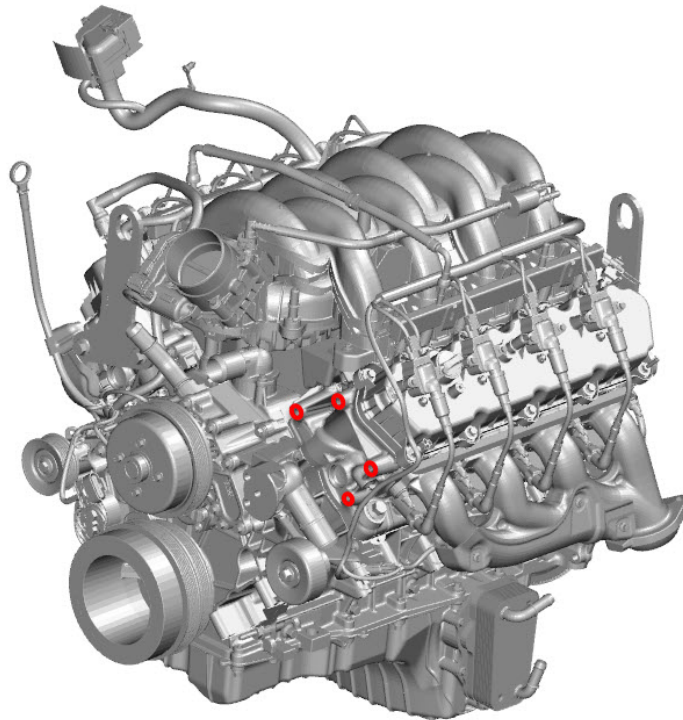


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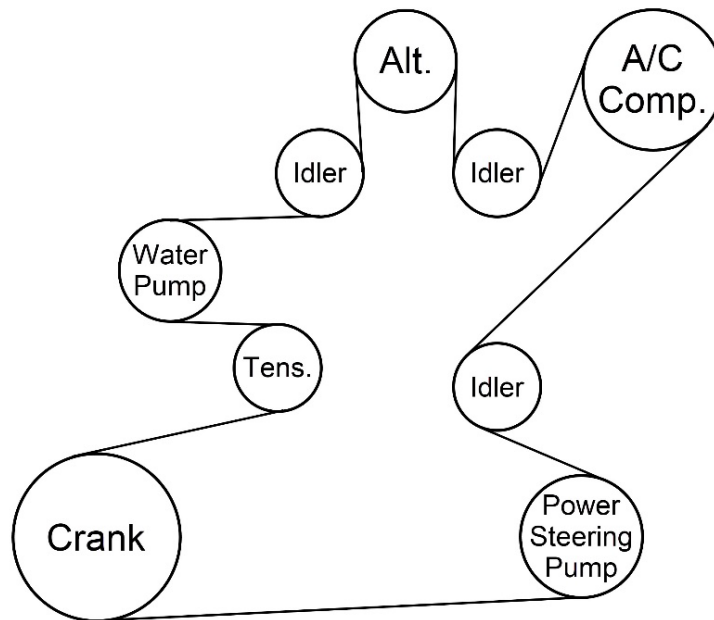
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Engine Mounting Locations



Belt Routing