



CW Mill Equipment Co., Inc.
14 Commerce Drive Sabetha, KS 66534
Phone: (785) 284-3454
Fax: (785) 284-3601
Email: brackets@cwmill.com
Website: www.cwkits.com

VFK25SD508-I6
2010-2013 Ford
Transit Connect
2.0L 4Cyl. Gas



After draining coolant and removing lower section of lower radiator hose bend these four lines forward toward radiator to gain enough clearance for mounting bracket. Hose coming off of tee in lower radiator hose may need to be removed and replaced on other side of factory air conditioning hoses to prevent hose from rubbing on radiator shroud.

Remove 1 ¼" from radiator side of this hose and reinstall. Hose clamp is glued on, but will need to be reused.

Remove splash shield from frame. Retain bolts.

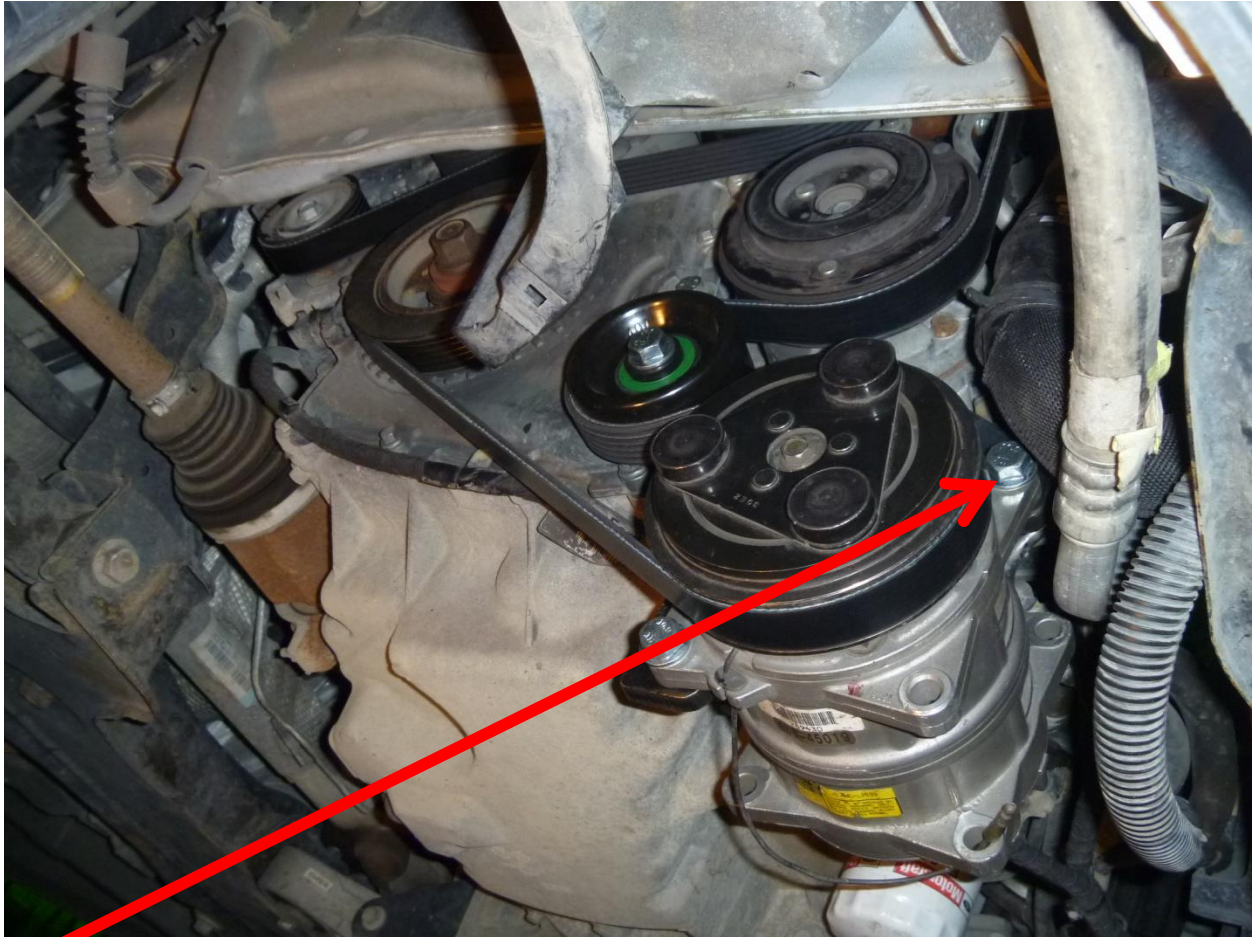
Remove factory belt.



Remove the two front side bolts from oil pan on passenger side and discard.

Unscrew lower passenger side bolt from factory air conditioner compressor. Leave in place.

Install main bracket using 8mm x 30mm flange bolts where oil pan bolts were removed then tighten the air conditioner compressor bolt that was loosened earlier. Torque bolts.



Install compressor using 3 10mm x 30mm flange bolts.

Secure the lower radiator hose by installing wire loom clamp (provided) using this bolt.



Install idler in this order 1-washer, 1-Gates 38005 idler, 1-piloted eccentric and then 1-10mm x 30mm flange bolt with eccentric rotated in position shown above. Idler should be installed in the hole to the left or closest to the crank pulley.

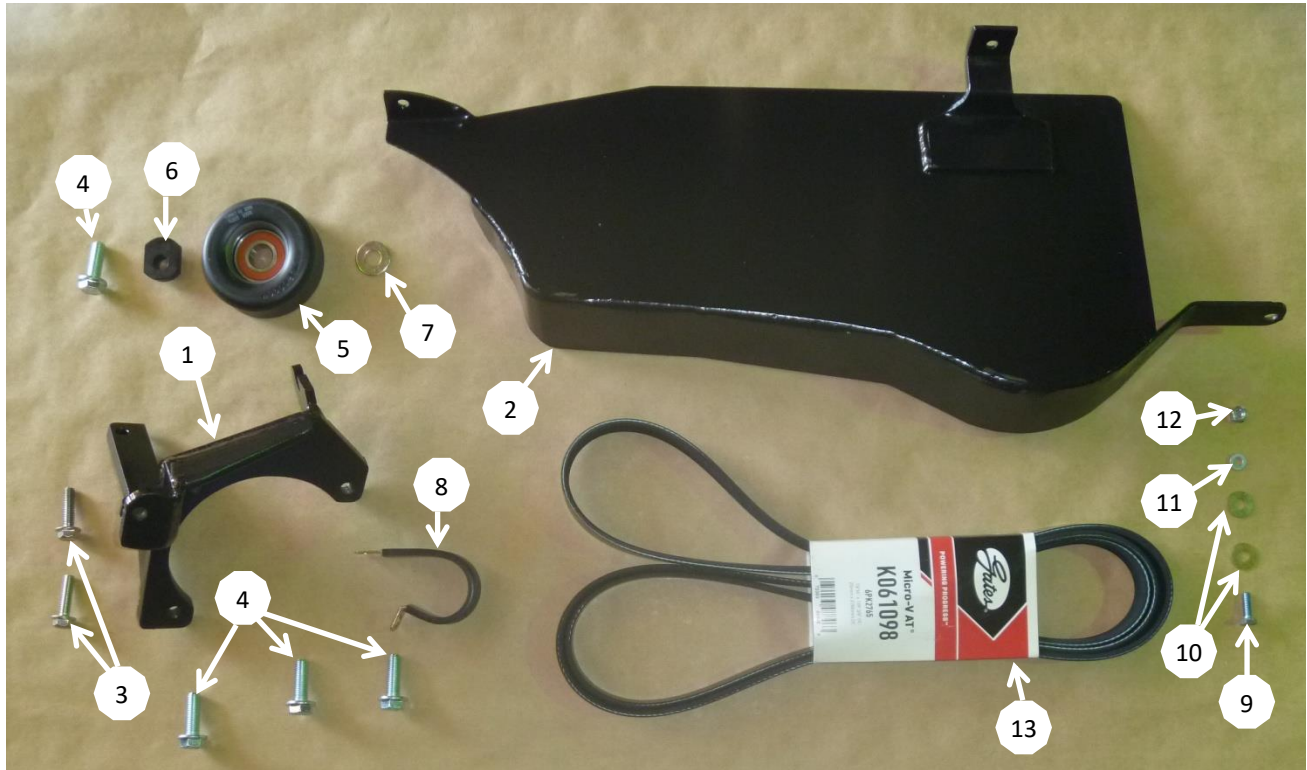
Install new belt K061098.



After belt is installed, loosen the idler bolt slightly and then rotate eccentric 180 deg. as shown above and retighten idler bolt. It may be necessary to actuate tensioner in this process. This is done in order to make belt installation easier and then gain additional belt take up that is needed.



Install new splash shield reusing OEM bolts in frame and (1) 1/4 x 3/4 bolt, (2) 1/4 flat washers, (1) 1/4 Lock washer and (1) nut in radiator supports as shown. Replace engine coolant.



Parts List

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|-----------------------------------|-------------------------------|
| 1. VFMP25SD508-I6 (1) | 8. #24 HD Wire Loom Clamp (1) |
| 2. VFMB251-I6 (1) | 9. 1/4" x 3/4" (1) |
| 3. 8mm x 30mm Flange (2) | 10. 1/4" Flat Washer (2) |
| 4. 10mm x 30mm Flange (4) | 11. 1/4" Lock Washer (1) |
| 5. 38005 (1) | 12. 1/4" Nut (1) |
| 6. VFMB253 Eccentric (1) | 13. Gates K061098 (1) |
| 7. 3/8" Thru Hard Flat Washer (1) | |



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