



4048 – 2013-PRESENT, FORD TRANSIT, INTERCOOLER SKIDPLATE

Version 1.0

General Notes

- For the most up to date and current instructions, please visit our website at www.vancompass.com
- Please read all instructions thoroughly before starting installing Van Compass products.
- This is a bolt on front winch / hitch mount that can be installed with simple hand tools and a drill.
- Removal and trimming of the lower air deflector is required for installation.
- This skid plate is compatible with the Van Compass 4042 Transit Front Hitch / Winch mount
- Note; this skid plate needs to be unbolted for oil changes to be performed.

Parts List

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- (1) 404801 FORD TRANSIT, INTERCOOLER SKIDPLATE
- (4) CC5-7-10 7/16-14 UNC X 1.0" LONG CARRIAGE BOLT
- (4) NNC-7 7/16-14 UNC NYLOCK NUT
- (4) WF8-7 7/16" FLAT WASHER
- (4) HM12-1.50-90-8.8 M12-1.50 X 90MM LONG HEX HEAD BOLT
- (4) NNM12-1.50 M12-1.50 NYLOCK NUT
- (8) WF-M12 FLAT WASHER, M12

Tools Needed

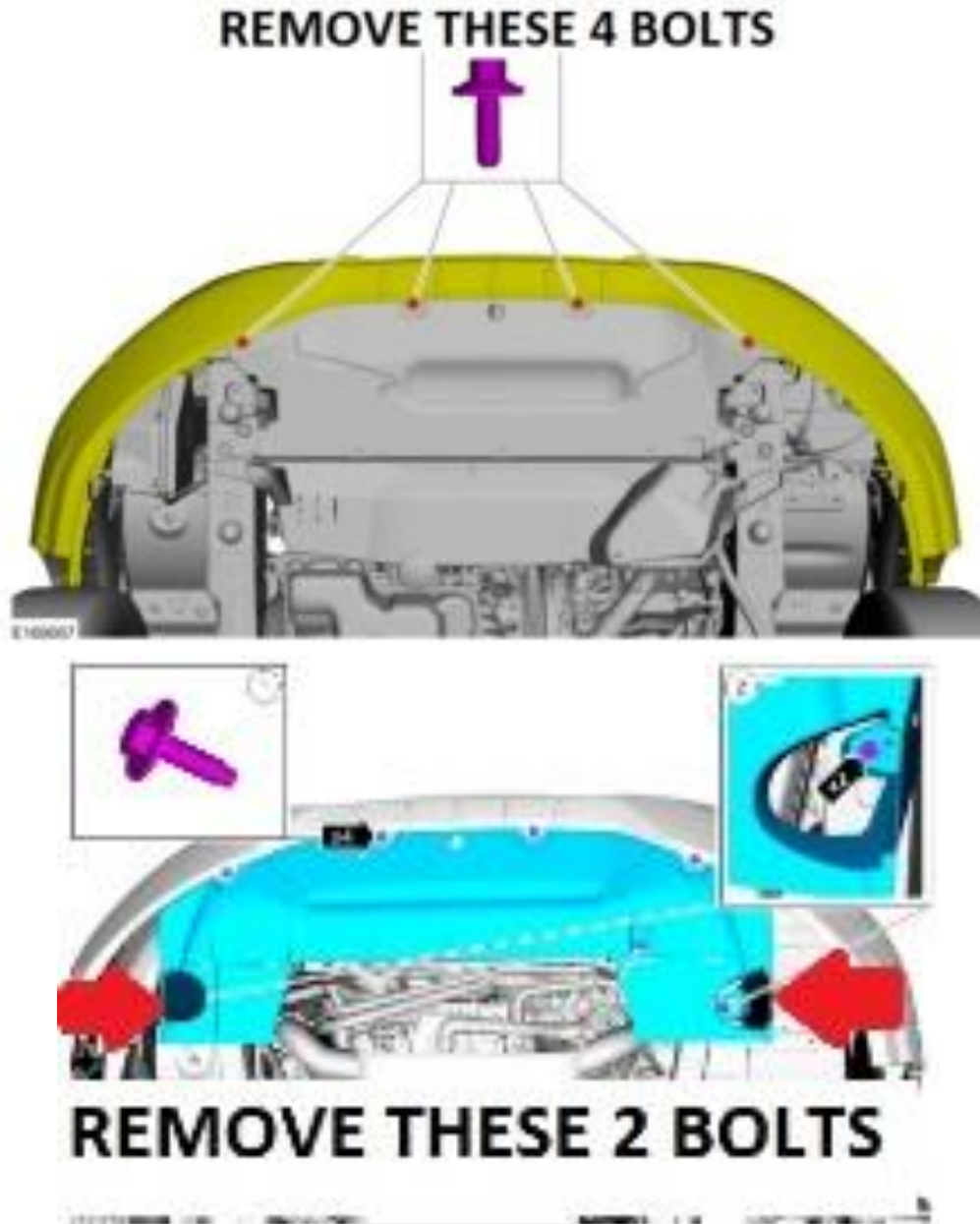
- Drill with ½" (13mm) metal cutting drill bit
- Plastic cutting tool. Examples;
 - 4-1/2" angle grinder with cut off wheel
 - Pneumatic body saw
 - 3" pneumatic cut off tool
 - Dremel style tool
- Simple hand tools:
 - Basic wrench and socket set:
 - Metric Sizes: 10mm, 19mm
- Measuring tape
- Combination Square / ruler
- Torque wrench
- Floor jack

Approximate Installation Time

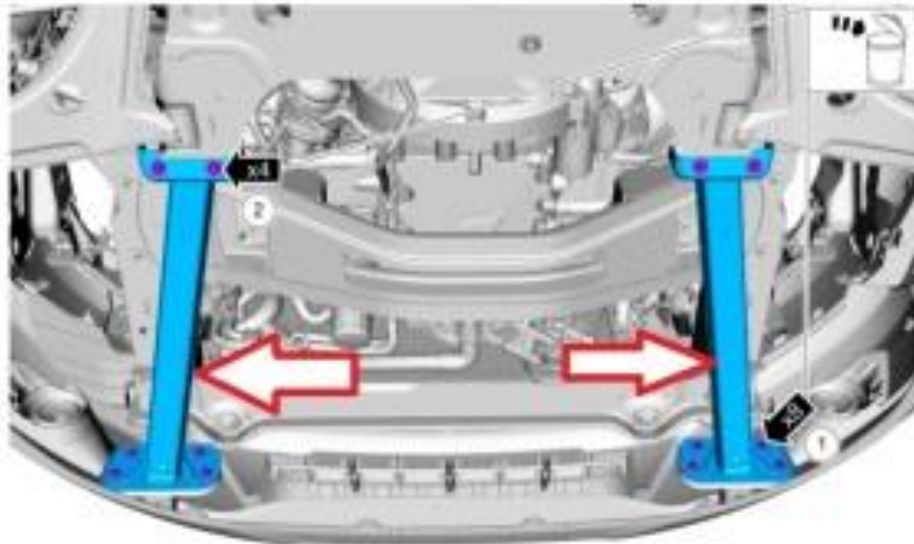
- 1-2 hours

Installation

- 1) Note; retain all OEM hardware removed as it will be re-installed during re-assembly.
- 2) On the underside of the bumper, locate the 6 bolts securing the lower air deflector to the vehicle. There are 4 bolts towards the front which connect the bumper cover to the air deflector, and 2 additional bolts securing the air deflector to the chassis itself. See image below for reference. Remove these 6 bolts using a 10mm socket / wrench.



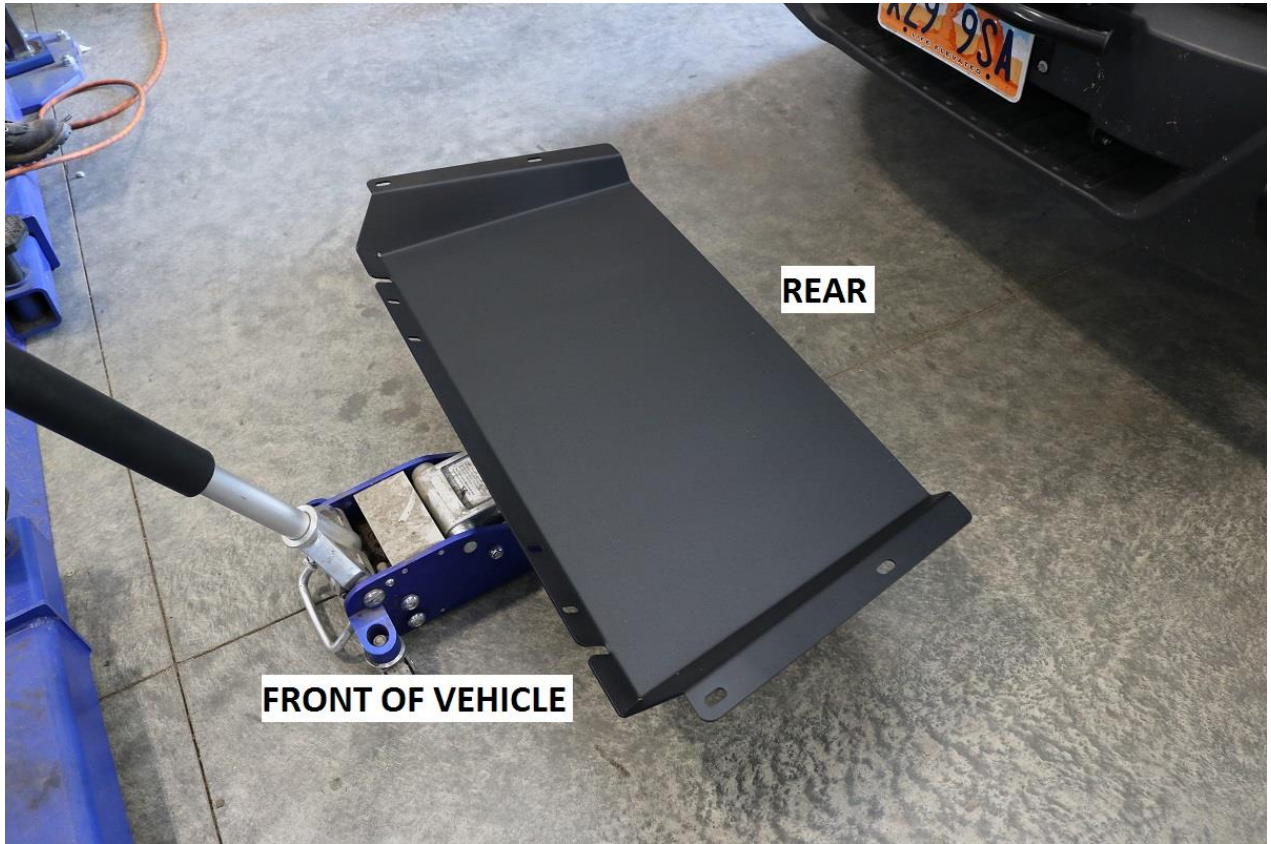
- 3) Remove the lower air deflector from the vehicle.
- 4) With the lower air deflector removed from the vehicle, locate the 2nd hole from front in the bumper support bars. This hole will need to be through drilled for the skid plate to attach. See images below for reference on which holes needs to be through drilled.
 - a. Use a ½" or 13mm diameter drill bit to drill through the top side of the bumper support bars.



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- 5) Install the skid plate using a floor jack. Use a towel or other non-marring surface on the floor jack saddle as to not damage the powder coat during installation.
- 6) Orient the skid plate so the 4 holes which tie the skid plate into the Van Compass Winch mount (optional) are positioned towards the front of the vehicle. See image below for reference.



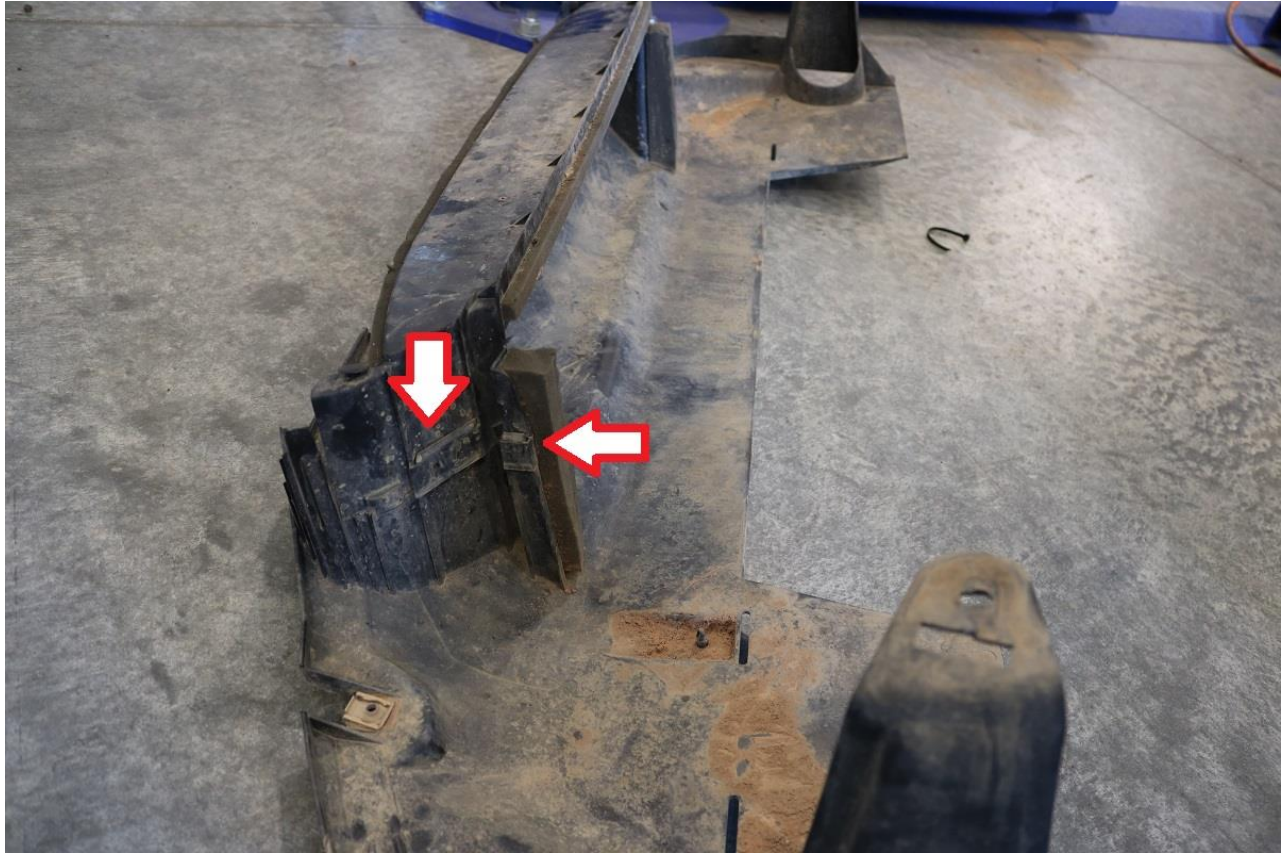
- 7) Fit the skid plate to the bumper support bars as shown using the M12 hardware included in the kit. Use a washer under both the bolt head and the nut. Start and snug all 4 bolts using a 19mm socket / wrench.



8) Once all bolts have been started, torque to 35 ft-lbs (47 N.m).

Air Deflector Trimming

9) Remove the top scoop of the lower air deflector by prying the two pieces apart. There are small hooks / tabs denoted by the arrows in the image below which keep the two pieces secured together.



10) With the top scoop removed, trim the lower air deflector as shown below. Measure over 1" from the rear mounting bolt access holes and mark out a rectangle as shown.



11) Clean up any rough cut edges with a file or sanding device and re-install the air deflector using the OEM bolts removed in step 2. Use a 10mm socket / wrench for installation.

Installation is Complete

RELEASE OF LIABILITY

I, the customer, do hereby release and forever discharge Van Compass LLC, their agents, employees, successors and assigns, and their respective heirs, personal representatives, affiliates, successors and assigns, and any and all persons, firms or corporations liable or who might be claimed to be liable, whether or not herein named, from any and all claims, demands, damages, actions, causes of action or suits of any kind or nature whatsoever, whether known or unknown, fixed or contingent, which I now have or may hereafter have or claim to have, as a result of or in any way relating to the following: Parts sold & installed by Van Compass LLC or parts sold & installed by end-user; any parts sold online, any parts sold online or installed by a re-seller, any parts installed by an installation shop.

It is understood and agreed that this payment is made and received in full and complete settlement and satisfaction of the aforesaid actions, causes of action, claims and demands; that this Release contains the entire agreement between the parties; and that the terms of this Agreement are contractual and not merely a recital. Furthermore, this Release shall be binding upon the undersigned, and his respective heirs, executors,

administrators, personal representatives, successors and assigns. This Release shall be subject to and governed by the laws of the State of Idaho.

PRODUCT SAFETY WARNING:

Van Compass LLC strongly recommends the installation of products be done by a certified mechanic. If this does not occur, be certain the person(s) installing the product read, understand and follow all instructions and warnings pertaining to the application before installation. Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Van Compass LLC product purchased. Mixing component brands is not recommended.

Installation of suspension lift kits or any other lifting kits or devices will raise the center of gravity. For this reason, Van Compass LLC urges that extreme caution be used when encountering driving conditions which may cause vehicle imbalance. Furthermore, the driver's field of vision and judgment will not be as good due to the height of the vehicle. Due to the installation of larger tires, the speedometer will read slower than the actual speed being traveled and more distance will be required to stop the vehicle. It is the owner's responsibility to caution and warn any potential driver of the vehicle about these driving and handling conditions. Van Compass LLC will not be held liable or responsible for damages or personal injuries resulting from the use of lifting devices and or related products. The tires and rims should be changed to sufficiently increase the vehicle's total overall width and stability to help accommodate lifting devices.

Van Compass LLC aftermarket suspension products and accessories modify a vehicle for uses which exceed conditions anticipated by the vehicle manufacturer. The uses include the high performance demands required during off-road. These conditions vary in the degree of extremity and cannot be controlled by the vehicle or product manufacturer. If the components within the suspension system or accessories become worn due to frequent and/or extreme use, the safety and reliability of the vehicle is at risk. The maintenance of aftermarket equipment to ensure the vehicle occupants safety is entirely your responsibility. Do not purchase Van Compass LLC products unless you are willing to accept this responsibility. Do not install any Van Compass LLC suspension products or accessories unless you feel competent at installing the product without causing present or future injury to yourself or other vehicle occupants; seek an authorized installation center.

Most states have some type of law limiting vehicle height. The amount of lift allowed, and how the lift can be achieved, varies greatly. Several states offer exemptions for farm and commercial registered vehicles. It is the vehicle owner's responsibility to check state and local laws to ensure that their vehicle will be in compliance. Van Compass LLC reserves the right to make changes in design, materials and specifications as deemed necessary without prior notice and without assuming obligation to modify any product previously manufactured. Obligation or liabilities will not be assumed with respect to similar products previously advertised.

This Release of Liability and Product Safety Warning has been read and fully understood by the undersigned and has been explained to me.