



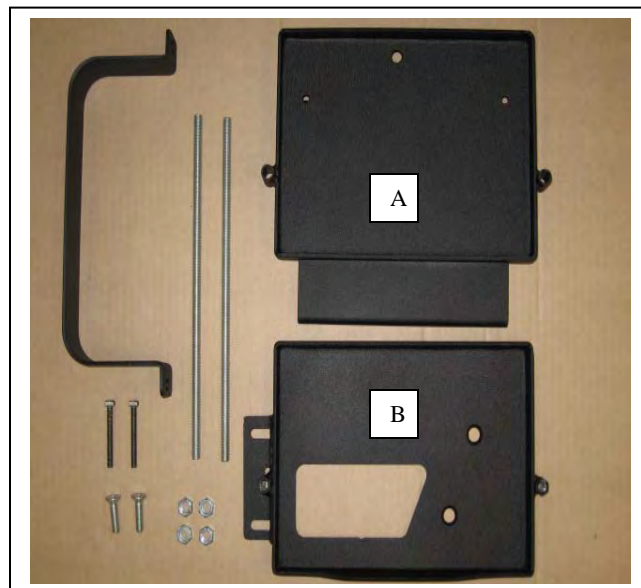
Installation Instructions

Dual Battery Tray (Part # 2800)

97-06 Jeep Wranglers

NOTE: Carefully read entire instructions thoroughly before attempting to install this part. This Dual Battery Tray only accommodates OPTIMA brand batteries. It is recommended to have the wiring portion of this product be done by a certified mechanic/installer. Use caution and care while working with batteries and electrical components.

Parts Included	Qty
Middle Tray (A)	1
Lower Tray (B)	1
Upper "U" Clamp	1
3/8"- 16 Nuts	4
3/8" x 11 "Threaded Rods	2
M8 x 25mm counter sunk bolt	2
1/4" x 1 3/4" bolt	2



STEP 1:

- Remove the factory/existing battery by first removing the terminals from the battery. CAUTION: Do not let terminals/cables come into contact with any metallic parts.
- Remove the factory plastic hold down clamp on the front bottom portion of the battery.
- Remove the battery from the vehicle.
- You may now remove the factory battery tray and unclip the battery temperature sending unit. (Provisions will need to be made for the sensor in order to avoid the check engine light from coming on.) Fig A.

STEP 2:

- Install the lower battery tray using two of the original tray fasteners on the left (outside) of the bracket.
- Use the two provided counter-sunk bolts to secure the right (inside) of the bracket. Fig B.
- NOTE: the factory nut-clips can be moved slightly to help align the holes in the bracket if needed.

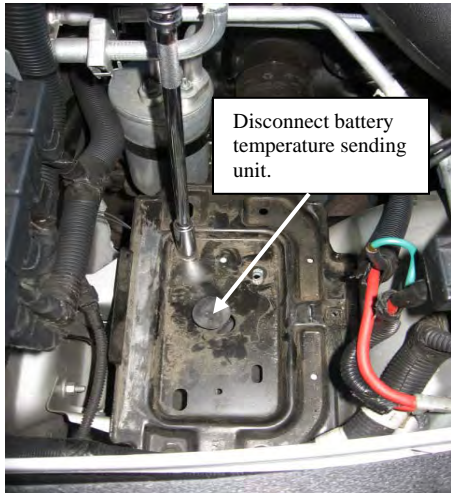
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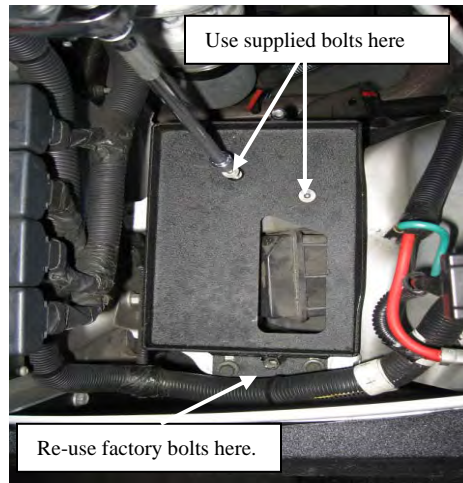
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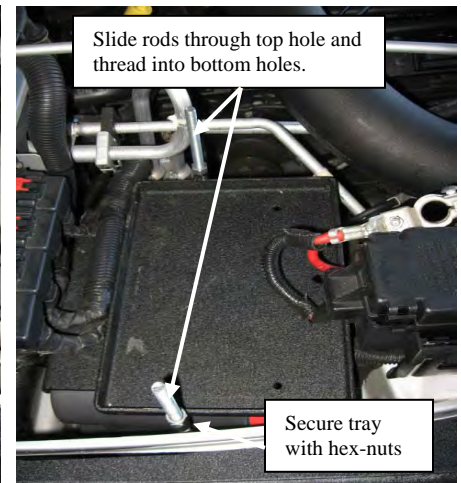
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(Fig A)



(Fig B)



(Fig C)

STEP 3:

- Install the first battery with the terminals down and pointing towards the front of the vehicle.
- Place the middle tray on top of the battery, making sure it fits snug.
- Slide the threaded rods through the holes in the middle plate and thread into the bottom plate.
- Install and thread hex nuts down the threaded rods to secure the middle tray down. Do not over-tighten them; this may cause damage to the battery. Fig C

STEP 4:

- Now place the second battery on top of the middle tray.
- Place the upper clamp over the battery and lineup the holes in it with the previously installed threaded rods.
- Secure clamp with hex nuts, again taking caution not to tighten too much in order to prevent damage to the battery. Fig D, E, F.

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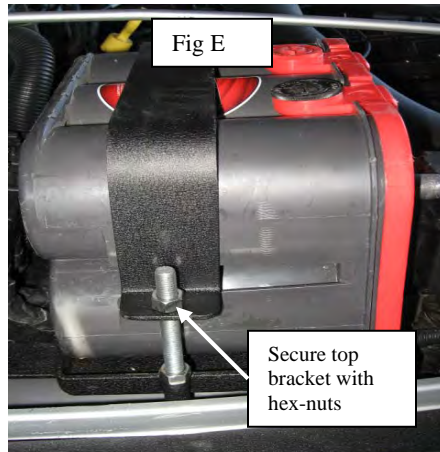
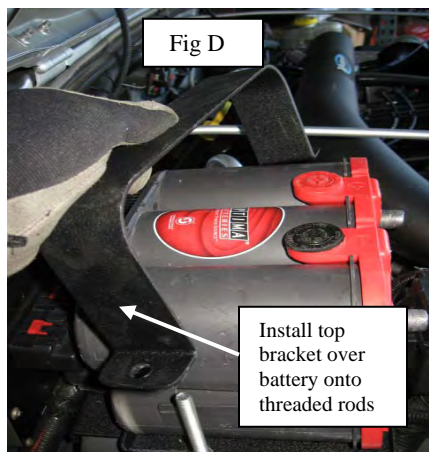
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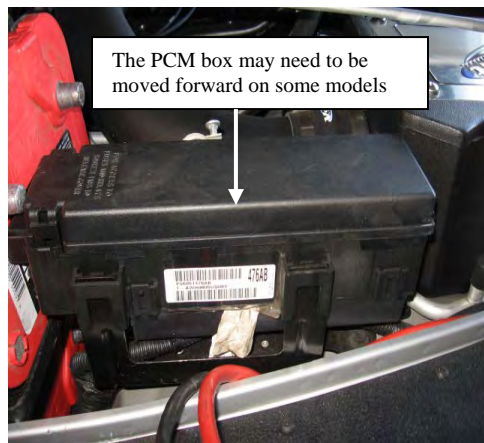
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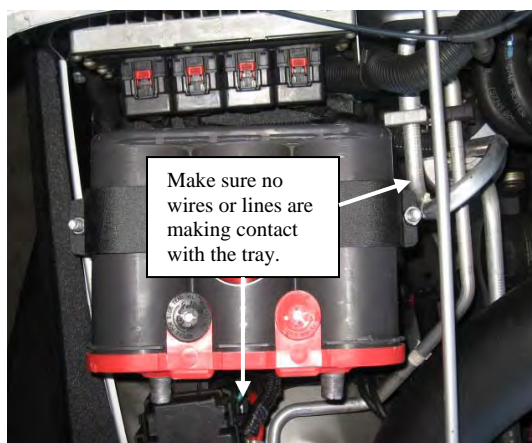


STEP 5:

- On later model TJ's it may be necessary to move the PCM box forward slightly by removing the existing rivets, then moving the box and reinstalling new rivets. Fig G.
- Check to make sure NO wiring or air conditioning lines are in contact with the tray. Fig H
- Installation of the battery tray is now complete.
- To complete the wiring portion of this set-up it is recommended to have it done by an automotive electrical specialist.



(Fig G)



(Fig H)

WARRANTY

Smittybilt (The Company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within the warranty period of 90 DAYS from the date of purchase, such defect(s) will be repaired or replaced (At the Company's option) without charge for parts or labor. To obtain repair or replacement within the terms of the warranty, the product is to be delivered with proof of

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warranty coverage (e.g. dated bill of sale, receipt), specification of defect, freight pre-paid with Returns Good Authorization Number from Smittybilt to place of purchase. Items returned to Smittybilt Automotive without an Returns Authorization Number will be refused and returned to sender at the senders expense.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect accident or acts of nature. **THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THIS PRODUCT.**

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