

Installation of the RAM Trailer Tire Pressure Monitor Receiver (Part Number 68375990AC) and the Trailer Interface Module (Part Number 68404893AB)

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## Parts List

Item	Part Number	Description	Price Ea.	Shipping	Vendor
1	68375990AC	TTPMS Receiver	63.06	3.41	MoparWholesaleParts.com
2	68404893AB	Trailer Interface Module	67.37	8.53	MoparWholesaleParts.com
3	68412666AA	Wiring-Jumper	10.37	Inc. with #2	MoparWholesaleParts.com
4	68433188AA	Trailer Tire Sensors (4 Pack)	146.00	Free	WheelerFleet.com
5		Body Fasteners			

The receiver part number listed is the latest version and replaces AA and AB. You can find it online at many Mopar sites. Total time from order to delivery was 8 days.

The Trailer Interface Module and Jumper Wiring took 10 days from order to delivery.

The Trailer Tire Sensors come as a 4 pack.

The vendor I used just happened at the time to have the lowest price. You can order any of these at any Mopar dealer.

The body fasteners I used were not the actual RAM parts. I found some that fit.

The OBDGenie programmer will be the last step in installation.

## Receiver Mounting Location

There is a mounting location under the truck between the spare and the bumper. See picture A.



Picture A

The connector is to the left of this location. See Picture B.



Picture B

The blue tape is temporary and can be cut and removed. It just keeps the connector from dangling down when it has no place to plug in.

### Receiver Mounting

The module has two mounting ears that match the two holes in the plastic mounting location. See Picture C.



Picture C

Position the receiver with the ears lined up with the two holes in the mounting location. Use some body fasteners the are appropriate for the hole size. I had some left over from my Saturn SL1 so I didn't need to make a trip to the auto parts store. See picture D.



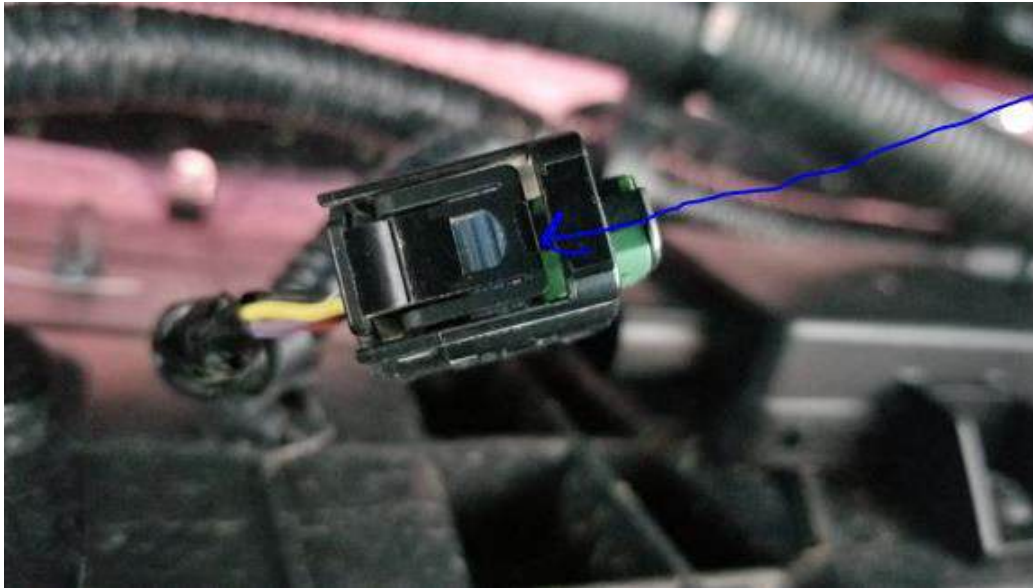
Picture D

Once the receiver is in place, it will look like picture E.



Picture E

The connector has a dummy plug installed to keep dirt and water out. It needs to be removed by releasing the lock tab. Carefully insert a small screwdriver under the locking tab and pull out the plug. See picture F.



Picture F

Once the plug is removed, insert the connector into the module with the locking tab facing up. You can feel a retaining bump on the receiver mating side.

Here is a picture of the plug that was removed. See picture G.



Picture G

When you are all done, it will look like picture H.



Picture H

## Trailer Interface Module Installation

The Trailer Interface Module does not exist from the factory on the 2019 HD trucks. The location of the module is inside the cab, directly above the right rear seat. To gain access, you will have to remove two trim panels and a coat hook, then carefully pull the headliner down.

### Detaching the trim panels

The two trim panels that need to be detached are shown in Picture J. The top panel comes out completely. The bottom panel needs to be removed only at the top so that the top panel can be removed.



Picture J

Carefully pull on the lower panel to release it at the top. See Picture K.



Picture K

Next, remove the trim cover to expose a screw that needs to be removed. See Picture L.



Picture L

Once you have the lower panel loose at the top and removed the screw, you can carefully pull on the upper panel to detach it. It will come all the way out but still be captured by the seat belt. No worries. Just lay it aside on the seat.



## Headliner Partial Removal

Remove the coat hanger above the right rear passenger seat.



With everything removed, you can carefully fold back the rubber seal at the door and work the headliner down. The back of the headliner just sits on the black molding above the window.

Once you have enough room to see inside, you will have two connectors with a jumper wire connection them. I already had removed the wiring.



The right hand connector is actually a terminator that tells the CAN C buss that it doesn't have an open circuit. You need to pull this part out of the mounting hole. It will not be used.



Terminator and cable removed.

Now your install area should look like Picture P.



Picture P

## TIM Module Mounting

The TIM module uses two existing holes shown in Picture Q.



Picture Q

The module uses 2 body fasteners to attach it to the two holes. Since I didn't know the actual part number from RAM, I used a NAPA Balkamp 665-3257. The module does mount crooked. Those were the two holes that matched the mounting ears of the module. I am more of a straight line guy, so the fact that the module sits crooked creeps me out.

Once the module is mounted, you can plug in the jumper harness. Picture R.



Picture R

Reinstall the headliner, trim panels, and coat hanger in reverse order. That's all there is to installing the TTPMS receiver and TIM on the truck. Enabling it is another chapter. You can find a post here [the lists the steps](#). Once you have finished the previous steps you will need to use the OBDGenie APP/ Programmer with a security bypass module to program the vehicle for TTPMS.

Good luck.