

Part Number: 00016:35870-10
Accessory Code: DH6



REVISION B

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Converter
2	1	Wire Harness
3		
4		
5		
6		
7		
8		
9		

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	4 Flat mounting bracket
2	2	#10 x 24 Screws
3	2	#10 x 24 Nut & Washer Ass'y
4	1	M6 – 1.0 Nut & Washer Ass'y
5	1	Fuse Location Card
6	10	Cable Ties 8.5
7	3	Cable Ties 14.5
8		
9		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description

Conflicts

Recommended Tools

Safety Tools	
Safety Glasses	
Vehicle protective covers	
Special Tools	
Tail Light Tester	
Installation Tools	
10 mm wrench	
10 mm socket	
Torque Wrench	36 in. lbs
Side cutters	
Special Chemicals	
Alcohol/Water Solution	

Color Applicability/Trim Level

[illegible]






General Applicability

Recommended Sequence of Application

Item #	Accessory	
1	Bed Extender	
2	Trailer Wire Harness	
3		

*Mandatory

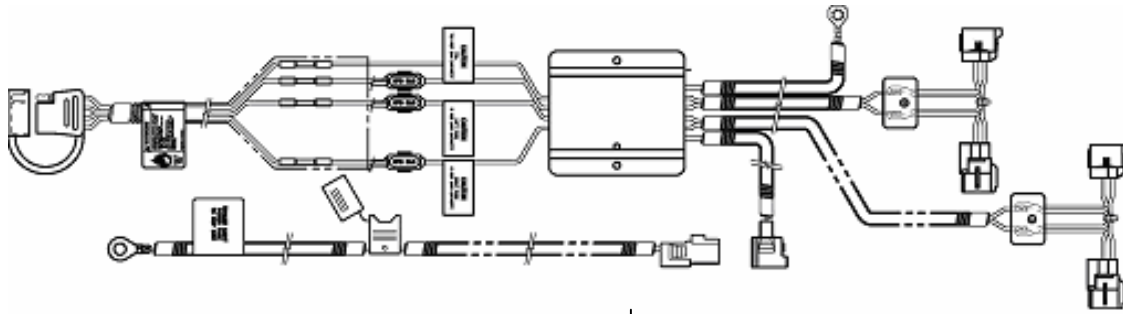
Legend

-  **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.
-  **OPERATOR SAFETY:** Use caution to avoid risk of injury.
-  **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/ vehicle and to ensure a quality installation.
-  **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.
-  **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

SPECIAL NOTE: Installation Sequences

After **TMS** and **Safety** mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

Also some items listed to be removed may not need to be removed if caution is taken to not damage vehicle.



Vehicle Preparation



1. Disconnect the negative battery terminal.
2. Remove both tail light assemblies by removing the two housing screws for each light (Fig. 1).
3. Disconnect the factory harness from both taillights and place in an area not to be damaged.

Harness Routing



1. Begin at the driver's side rear inside tail light housing. Route the trailer plug and right side harness through the inside tail light housing and down through the access hole.

2. Route the passenger side harness along the OEM harness under the vehicle to the right side taillight via the access hole.

(Note: Do not route the harness through the bottom of the quarter panel.)

3. Route the trailer plug harness along the OEM harness until it reaches midpoint of the vehicle. This is where the plug will be mounted.

(Note: Use extreme caution when routing harness in the area of the spare tire access hole as damage could occur to the harness when removing the spare tire.)

4. Use M-6 nut/washer assembly to mount the ground terminal on the stud. (Fig. 2)



FIG.1

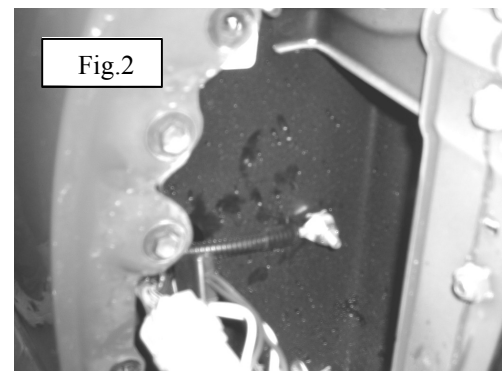


Fig.2

POWER HARNESS ROUTING



Fig.3



Connect B+ Cable to pos. side of battery.



Fig.4

Cable tie fuse holder to OE battery harness with 8.5 tie wrap.

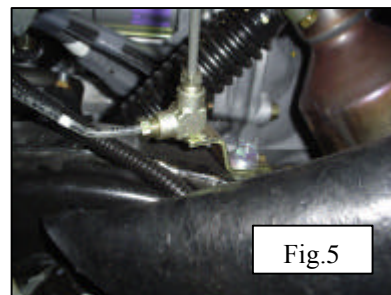


Fig.5

Rout harness under brake line clamp.

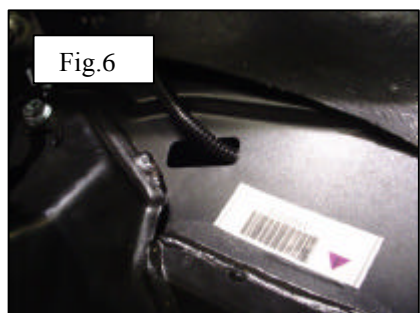


Fig.6

Route harness through 1 st. hole in frame & run to opening on inner side of the frame.

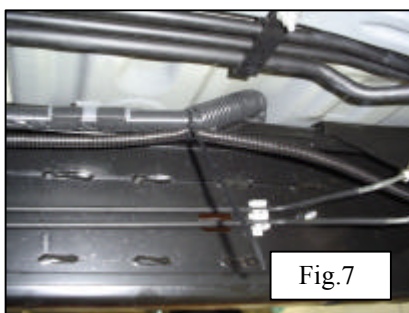


Fig.7

Cable tie hitch harness to OE harness with 8.5 tie wrap.

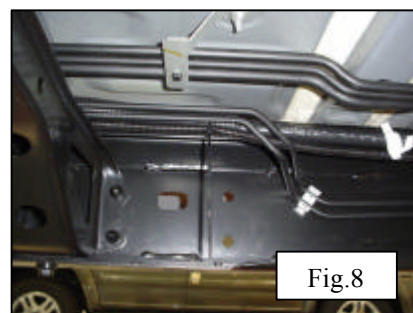


Fig.8

Continue using 8.5 cable ties. (Figures 6 through 10)

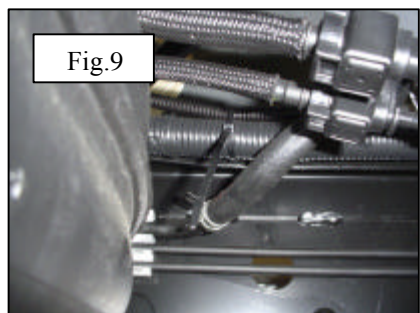


Fig.9

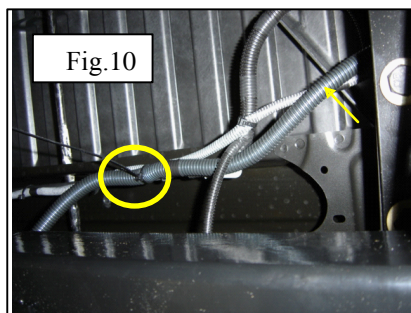


Fig.10

Route harness over bed frame, along the OE, tie wrap together

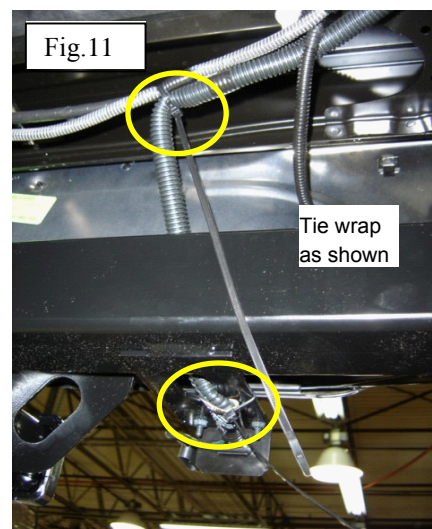


Fig.11

Tie wrap as shown

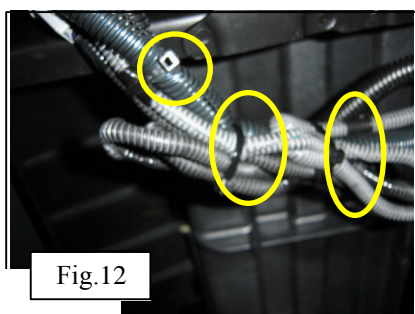


Fig.12

Excess wiring harness bundled together. Use 3 tie wraps as shown

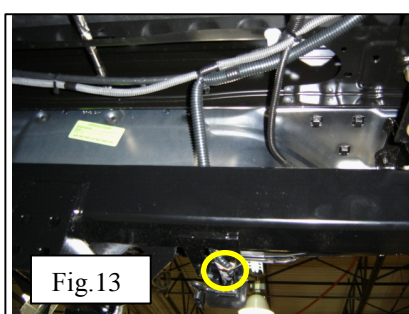


Fig.13

Tie wrap the pin connector to the hitch

Route harness along the OE, stopping so harness would be aligned with pin connector

Converter Mounting



1. Clean inner gusset area where the converter will be mounted with 50/50 water/alcohol solution (Converter mounting area is shown in Fig. 14).



2. Remove protective backing from the double-sided tape and stick to the inner gusset. (Note: converter must be installed with left-side taillight harness positioned up. This is to ensure proper seating of the double-sided tape.)

Tail Light Installation


1. At the driver's side rear, insert the trailer jumper harness between the factory tail light connector and tail light assembly.
2. Repeat the above step with the passenger side tail lamp.

Completion

1. Push the trailer plug through the harness plug holder until the first detent is visible.(Fig. 15)

2. Reinstall previously removed light assemblies, etc.



3. Reconnect negative battery cable and torque to 36 in. lbs/. 



4. Place fuse location card in glove box.



5. Test the installation with a test light set.

