

## Installation Instructions

PART NUMBER: 118887

Scan QR code for  
French or Spanish  
language  
instructions and  
enter Part Number.



Scan for safe towing  
tip, or visit  
<http://qr.towingproducts.net/qrproducts/qr-product>

### WARNING

#### To prevent SERIOUS INJURY, DEATH, or PROPERTY DAMAGE:

- ALWAYS read and follow all warnings and instructions included with purchase before beginning installation. Keep for future reference.
- DO NOT exceed lower of towing manufacturing rating (including in your vehicle owner's manual) or specific amperage ratings stated on product.
- ALWAYS read, understand and follow all warnings and instructions printed on tow vehicle's battery.
- ALWAYS wear safety glasses and use all safety precautions during installation.

#### WARNING

- Read and follow all warnings and cautions printed on the tow vehicle's battery. All connections must be complete for T-One® Connector to function properly. Test and verify installation with a test light or trailer once installed. For initial test, reset vehicle electrical system by temporarily removing the key from the ignition.

#### WARNING

- DO NOT touch negative battery terminal to positive battery terminal. Serious Injury and damage to Vehicle's electrical system can occur.
- If vehicle is equipped with the Start/Stop option, DO NOT connect the module power wire to the support battery. Only connect module to the main vehicle battery. Failure to connect to the vehicle main battery may result in damage.



#### WARNING

- Overloading circuits can cause fires.
- DO NOT exceed stated product ratings.

#### WARNING

- Ensure all existing grounds connections are still attached. Torque Existing ground screw to manufacture Torque Specifications.

### LIMITED 1-YEAR WARRANTY

- Limited Warranty.** Horizon Global ("We" or "Us") warrants to the original consumer purchaser only ("You") that the product will be free from material defects in both material and workmanship for a specific period\*, ordinary wear and tear excepted; provided that installation and use of the product is in accordance with product instructions. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the product does not comply with this period specific limited warranty\*, Your sole and exclusive remedy is that We will replace the product without charge to You and within a reasonable time or, at our option, refund the purchase price. This warranty is not transferable.
- Limitations on the Warranty.** This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation, including welds; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.
- Obligations of Purchaser.** To make a warranty claim, contact Us, at our principal address of 127 Public Square Suite 5300, Cleveland, OH 44114, 1-800-632-3290, identify the product by model number, and follow the claim instructions that will be provided. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs. Please retain your purchase receipt to verify date of purchase and that You are the original consumer purchaser. The product and the purchase receipt must be provided to Us in order to process Your warranty claim.
- Remedy Limits.** Repair or replacement is Your sole remedy under this limited warranty, or any other warranty related to the product. We shall not be liable for service or labor charges incurred in removing or replacing a product or any incidental or consequential damages of any kind.
- Assumption of Risk.** You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at **Your** own risk.
- Governing Law.** This limited warranty gives You specific legal rights, and You also may have other rights which vary from state to state. This limited warranty is governed by the laws of the State of Michigan, without regard to rules pertaining to conflicts of law. The state courts located in Cuyahoga County; Ohio shall have exclusive jurisdiction for any disputes relating to this warranty.

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Application:	
Make	Model
BMW	X4

\*Visit our website for the most up to date information regarding application years and trim levels and current instructions.

**Installation Difficulty:**  
**Intermediate**

- Installation times are listed on Horizon Global websites or found in the downloadable application guides.
- Installation difficulty levels are based on time and effort involved. They may vary depending on installer level of expertise and condition of the vehicle. Along with proper tools and equipment.

**Tools Required:**

 Safety Glasses	 10 mm Socket	 Ratchet	 Wire Crimper	 Flat Blade Screwdriver	 Test Light
 Wire Stripper	 Fish Wire	 Trim Panel Remover	 Heat Gun		

**CAUTION**

- Locate Vehicle's Battery. Disconnect and isolate the Vehicle's Negative battery Cable

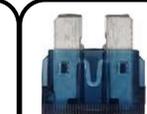
**WARNING**

- **DO NOT touch negative battery terminal to positive battery terminal. Serious injury and damage to vehicle's electrical system can occur.**

 **WARNING**

- **Overloading circuits can cause fires.**
- **DO NOT exceed stated product ratings.**

**Hardware Kit:**

 Perma Seal Butt Connector	 Ring Terminal	 #8 Screw	 Fuse Holder	 Fuse 15 Amp	 Double Sided Tape
 Wire Tie 6"					

 Always wear SAFETY GLASSES when installing wiring harness

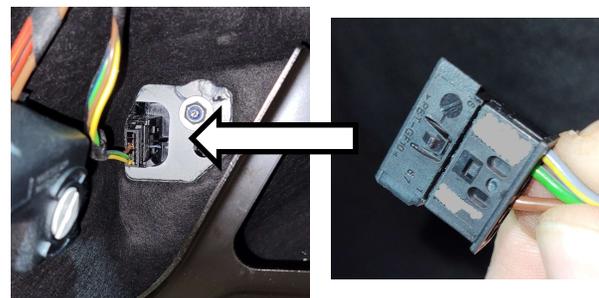
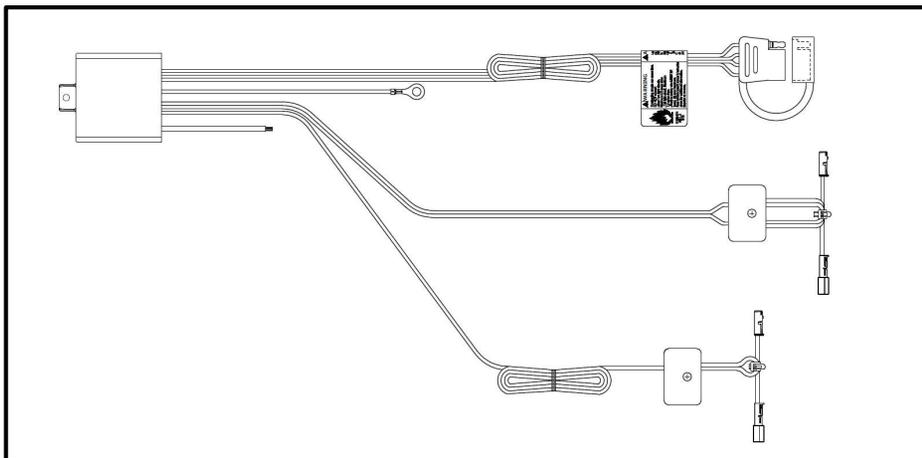
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1. Open the rear hatch. Remove cargo floor covering. Using a trim panel tool or flat blade screwdriver remove the rear side cargo panel from driver's and passenger's side exposing the vehicle's taillight wiring harness. Be careful not to break mounting tabs.
2. Beneath the cargo floor covering, locate the black plastic retaining screws. Using a flat blade screwdriver, remove the plastic screws and set aside. Remove the felt liner covering the battery compartment.
3. Locate the taillight wiring connector on the driver's side. Disconnect the vehicle wiring harness. Locate the connectors matching the end of the T-One® Connector. Insert the T-One® Connector end containing the yellow and brown wires in between the vehicle and taillight connector. All connector's surfaces should be clean and free of dirt.
4. From inside of cargo area on the driver's side of vehicle behind partially removed trim panel, determine a suitable mounting point. Mount the T-One® Connector black box using the double-sided tape provided.  
Note: Clean flat mount surface area using a 50-50 mixture of rubbing alcohol and water to mount lighting module black box.
5. Route the T-One® Connector ends containing the green wire through the opening and under the metal cargo hook rails and along the threshold to the passenger side.
6. Locate the taillight wiring connector on the passenger's side. Disconnect the vehicle wiring harness. Locate the connectors matching the end of the T-One® Connector. Insert the T-One® Connector end containing the green wire in between the vehicle and taillight connector. All connector's surfaces should be clean and free of dirt.
7. Route the T-One® Connector ends containing the black 12 ga. wire and ground white wire under the driver's side metal cargo hook rails to the battery compartment.
8. Disconnect the vehicle's Negative (-) battery cable. If not removed, remove the fuse from the yellow fuse holder (provided).  
**⚠ WARNING** Read and follow all warnings and cautions printed on the tow vehicle's battery.
9. After cutting the fuse holder wire, attach the ring terminal (provided) and secure to the vehicle's Positive (+) battery cable.
10. Using the yellow heat shrinkable butt connector (provided), connect the other end of the fuse holder to the T-One® Connector black box's 12 ga. black wire.
11. Heat the Shrinkable butt connector using a heat gun. Starting in the center of the splice connector. Heat Shrinkable butt connector from the center out to the edges on each end until the tubing shrinks and sealant flows. Allow to cool before inspecting the splice.
12. Reconnect both the vehicle's Negative (-) battery cable and the T-One® Connector's end ground white wire to the battery. Reinstall the 15-amp fuse into the fuse holder from step 8.  
**⚠ WARNING** Read and follow all warnings and cautions printed on the tow vehicle's battery. All connections must be complete for the T-One® Connector to function properly. Test and verify installation with a test light or trailer once installed. For initial test, reset vehicle electrical system by temporarily removing the key from the ignition.
13. Reinstall any other items that may have been removed during installation, being careful not to pinch or cut the wires.

Note: Route the 4-Flat Connector through the driver's side panel and threshold into the storage compartment; store there when not in use.

 **⚠ WARNING** Overloading circuits can cause fires. DO NOT exceed stated product ratings. Read vehicle's owner's manual & instruction sheet for additional information.

## TROUBLE SHOOTING GUIDE

<b>4-Way not Functioning</b>	Ensure T-One Connector ends are fully inserted and locked in place. Remove module's power fuse for 10 seconds and repeat test.	Check chassis grounds. Ensure ring terminals are in full contact with vehicle chassis. Remove module's power fuse.
<b>No Power to 4-Way</b>	Installation may have activated circuit protection. Start Vehicle and turn all functions off: Tail (head lights), Brake and Turns. Remove Module power fuse for 10 seconds and repeat test.	Ensure fuse is fully inserted into fuse holder. Fuse should have no breaks. Fuse holder connected properly to positive post of battery. Remove fuse for 10 seconds and repeat test. Ensure module is connected to B+. Using a tester or voltmeter check for voltage on either side of the yellow butt connector near the module. Remove module power fuse for 10 seconds and repeat test.

## Routine Maintenance and General Inspection

Pre-trip inspection of 4-Way Flat Harness to insure no damage to terminals and connection points for proper lighting connection and operation.	Clean 4-Way Flat Connector after each use.
Clean connection and add Dielectric grease (sold Separately) to the terminal pins.	Insure 4-Way Flat harness doesn't Get pinched in Door latches, trailer connection points or allow contact with road surface.



### STILL HAVING TROUBLES?

Contact a Tekonsha® approved installer for a professional installation! <http://www.tekonsha.com>  
Just enter you zip code in Where to buy.



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Technical Assistance: 800-632-3290  
TechnicalSupport@horizonglobal.com