

APPLICATION & COMPATIBILITY CHART

YEAR	TRUCK MAKE	TRUCK MODEL	TOW PACKAGE	COMPATIBLE
2016+	Ford	Super Duty	X	X
2017+	Ford	F150 Raptor	X	X
2015+	Ford	F150	X	X
2016+	Toyota	Tundra	X	X
2016+	Toyota	Tacoma	X	X

7-WAY HARNESS INSTRUCTIONS

Kit Numbers 300200 & 300201

The 7-Way Interface Harness is designed to provide fused protection and easily connects to the factory OE Harness, providing connections to: CHMSL/3rd Brake Light, Dome Light, 12V Power & Ground. The Stop Logic module is included in this 7-Way Interface Harness. Limited 5-Year Warranty. Patent Pending.

Circuit Ratings:

CHMSL/3rd Brake Light = 1A @ 12VDC

Dome Light = 2.5A @ 12VDC

LED CHMSL Only

Operating Temperature Range:

-40° C to 85° C

-40° F to 185° F

Package Contents:

7-Way Interface Harness

Pre-Cut, Split Loom

Terminal Silicone Grease

4-Position Plug Housing

6-Position Plug Housing

4-Position Cap Housing

26' Fused Power Wire

Installation Instruction Guide

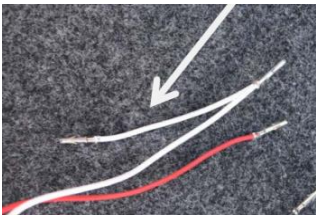


Note: Not all vehicles are equipped with an OEM installed Trailer Towing Package. If not so equipped, it is recommended that a certified mechanic complete the installation. If the vehicle is so equipped but one or more circuits do not have power, please consult the vehicle's owner's manual and locate the related fuse in the vehicle's power distribution box. If the fuse is installed, confirm that it is not blown. If it is blown, install the appropriately sized fuse and check the circuit. If it is not installed, install the appropriately sized fuse and check the circuit. If power is not present, seek the advice of a certified mechanic to complete the installation.

7-WAY INTERFACE HARNESS INSTALLATION INSTRUCTIONS

⚠️ Prior to installation, disconnect the negative battery terminal.

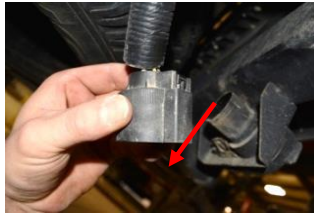
- 1** Remove the excess white ground wire with wire cutters.



- 2** Cover red, white, and black wires with split loom and secure both ends with tape.



- 3** Locate the OEM 7-way trailer source connector, positioned behind the rear bumper. Disconnect the OEM 7-way plug.



- 4** Apply **entire** contents of Terminal Silicone Grease to all terminals on the truck and 7-Way Harness.
NOTE: failure to complete this step may lead to product flaws.



- 5** Plug the OEM 7-Way trailer source connector into the female end of the 7-Way Interface Harness until completely seated. You should hear/feel a 'click' when connected properly.



- 6** Connect the Power Source Harness to the 7-Way Interface Harness and run the wire to the battery. Connect the harness to the positive terminal of the battery.

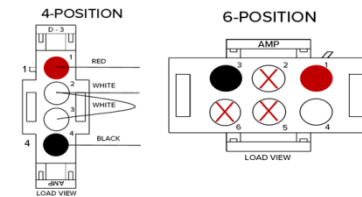


- 7** Secure the 7-Way Interface Harness module to the frame with tie-wraps. Run the 3 loomed wires along the frame toward the drive side rear corner. Route upward and through the opening.

Note: It may be beneficial to use wire tape, fishing line, or another apparatus to assist while pulling wires into cap from the top side.



- 8** Locate either the 4-Position or 6-Position Plug Housing and the 3 loomed wires. Insert terminals into the chosen plug housing. Plug the 6-Position Plug Housing into TAG's fuse box.



4-POSITION WIRE LOADING
1 - RED CHMSL
2 - WHITE GROUND
3 - WHITE (JUMPER)
4 - BLACK 12V DOME

6-POSITION WIRE LOADING
1 - RED CHMSL
2 - RESERVED FOR LOCK
3 - BLACK 12V DOME
4 - WHITE GROUND
5 - RESERVED FOR UNLOCK
6 - RESERVED FOR AUX 12V

- 9** Seat the remaining, male end of the 7-Way Interface Harness into the original 7-Way wiring source connector location.



- 10** After reconnecting the negative battery terminal, test all connections for secure contact. Test all circuits for proper function.

Note: If DOME circuit does not have power, ensure that the proper fuse has been installed and has not blown.

7-WAY INTERFACE HARNESS TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE(S)	POSSIBLE SOLUTION(S)
The lights worked initially but the CHMSL stays lit after the ignition is turned off after exposure to water/rain, snow, or mud. Codes may or may not be present on dashboard.	Water has made its way into the connector set, causing a short in the brake wire that illuminates the CHMSL.	Dry out the contacts and remove any dirt and corrosion. Apply dielectric silicone grease to the contacts and reinstall. Clear any codes on the dash using the Clearing Dash Codes Procedure below.
CHMSL stays lit even after the ignition is turned off. Problem has been present since time of installation. Codes may or may not be present on dashboard.	1) Power wire from the battery is not connected. 2) Fuse on the power wire from the battery is not properly inserted into the holder, or is blown. 3) The incorrect 7-Way Harness is installed.	1) Make sure the power wire is correctly connected to the battery. 2) Make sure the fuse contained on the wire is properly installed or not blown. 3) Make sure the correct 7-Way Harness was installed (refer to application guide and verify part number on harness). Clear any codes on the dash using the Clearing Dash Codes Procedure below.
CHMSL does not illuminate. Problem has been present since time of installation. Codes may or may not be present on dashboard.	1) Plug connectors are not completely seated. 2) 7-Way Harness is installed on a cap with CHMSL containing incandescent bulbs.	1) Make sure the plug connectors are seated completely. 2) Make sure the CHMSL uses LED lighting. Note: All Truck Accessories Group caps use LED-lighted CHMSLs. Clear any codes on the dash using the Clearing Dash Codes Procedure below.

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2016 1/2+ FORD TRUCKS | CLEARING DASH CODES PROCEDURE

- 1) Disconnect the 7-Way Harness from the truck.
- 2) Turn the ignition on but do not start the truck.
- 3) Press and hold the brake until the codes are clear.
- 4) Turn off the ignition.
- 5) Place the proper 7-Way Harness on the vehicle using dielectric silicone grease.

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