

**COMMON OPTIONS AND ACCESSORIES (Not Installed)**

ACCESSORIES		REF#	LIST PRICE
74790	B&W Socket Kit	KI600EC77	\$ 879
33900	Camera Hood Kit	KI000EC45	\$ 58
77289	AL Spare Tire Carrier SRW Kit	KI200EC30	\$ 299
77290	AL Spare Tire Carrier DRW Kit	KI200EC30	\$ 299

FUEL FILL		REF#	LIST PRICE
233864	FUEL FILLER NECK 1-1/2"HOSE DIESEL	MI000TS63	\$ 82
233865	FUEL CAP, DIESEL ONLY	MI000TS23	\$ 30
234316	FUEL FILLER NECK 1"HOSE GAS	MI000TS50	\$ 65
234317	FUEL CAP GASOLINE	MI000TS08	\$ 10

PAINT		REF#	LIST PRICE
234998	PAINT REPAIR KIT CUP BLACK	MI100TS37	\$ 178
234999	PAINT REPAIR KIT AEROSOL BLACK	MI100TS03	\$ 134

STL TOOLBOX		REF#	LIST PRICE
33430	STEEL TOOLBOX 18L X 12D X 16H	ST200ES32	\$ 301
33432	STEEL TOOLBOX 24L X 12D X 16H	ST200ES53	\$ 329
33435	STEEL TOOLBOX 30L X 12D X 16H	ST200ES78	\$ 361
33436	STEEL TOOLBOX 30L X 14D X 16H	ST200ES86	\$ 371
76060	Steel Toolbox - Tapered 30L X 14H X 16D	Tapered for 96" Bed (hardware included)	ST300ES56 \$ 462
76208	Steel Toolbox - Tapered 36L X 14H X 16D	Tapered for 96" Bed (hardware included)	ST400ES02 \$ 522
33060	STEEL TOOLBOX - TAPERED 30LX16HX16D SD	Tapered for 96" Bed (hardware included)	ST400ES06 \$ 527
33208	STEEL TOOLBOX - TAPERED 36LX16HX16D SD	Tapered for 96" Bed (hardware included)	ST400ES52 \$ 587
72189	ALT Toolbox Mounting Kit	KI000EC55	\$ 71

AL TOOLBOX		REF#	LIST PRICE
33450	AL TOOLBOX 18L X 12D X 16H	AL200ES82	\$ 366
33452	AL TOOLBOX 24L X 12D X 16H	AL200ES91	\$ 378
33455	AL TOOLBOX 30L X 12D X 16H	AL300ES50	\$ 455
33456	AL TOOLBOX 30L X 14D X 16H	AL300ES59	\$ 466
77180	Alum Toolbox - Tapered 30LX16HX16D	Tapered for 96" Bed (hardware included)	AL500ES48 \$ 712
77211	Alum Toolbox - Tapered 36LX16HX16D	Tapered for 96" Bed (hardware included)	AL600ES72 \$ 873
33180	AL TOOLBOX - TAPERED 30LX16HX16D SD	Tapered for 96" Bed (hardware included)	AL600ES23 \$ 809
33211	AL TOOLBOX - TAPERED 36LX16HX16D SD	Tapered for 96" Bed (hardware included)	AL700ES47 \$ 970
234461	ALUM TOOLBOX 69L X 16H X 22D W/ DECAL	MI110TS82	\$ 1,535
72189	ALT Toolbox Mounting Kit	KI000EC55	\$ 71

ELECTRICAL		REF#	LIST PRICE
233489	SOCKET - 7WAY RV BLADE STYLE, NYLON	MI000TS09	\$ 12
233994	MULTI-TOW 7 BLADE AND 4 FLAT	MI000TS22	\$ 29
234336	7 BLADE ADAPTER GENERIC	MI000TS17	\$ 22
234337	7 BLADE ADAPTER FORD CAB/CHS 2017+	MI000TS40	\$ 52
233804	HARNESS CONVERTOR DEUTSCH TO MAXISEAL	MI000TS48	\$ 62
233805	HARNESS ADAPTER LED W/ 6OHM 50W RESISTOR	MI000TS27	\$ 35
233810	HARNESS ADAPTER FORD 1999-2007 BOX OFF D	1999 - 2007	MI000TS35 \$ 45
233811	HARNESS ADAPTER FORD CAB/CHS 99+ D	1999 +	MI000TS35 \$ 45
233812	HARNESS ADAPTER FORD 2008-2010 BOX OFF D	2008 - 2010	MI000TS35 \$ 45
233813	HARNESS ADAPTER FORD 2011- 2016 BOXOFF D	2011 - 2016	MI000TS42 \$ 55
233814	HARNESS ADAPTER FORD 2017- 2019 BOXOFF D	2017 - 2019	MI000TS42 \$ 55
233815	HARNESS ADAPTER FORD 2020-2022 BOXOFF D	2020 - 2022	MI000TS42 \$ 55
233816	HARNESS ADAPTER FORD 2020-2022 BLIS	2020+	MI000TS27 \$ 35
233817	HARNESS ADAPTER FORD 2023- BOXOFF D	2023+	MI000TS55 \$ 71
233820	HARNESS ADAPTER GMC 99-2014 D	1999 - 2014	MI000TS35 \$ 45
233821	HARNESS ADAPTER GMC 2015 D	2015	MI000TS48 \$ 62
233822	HARNESS ADAPTER GMC 2016-2019 D	2016 - 2019	MI000TS48 \$ 62
233823	HARNESS ADAPTER GMC Med Duty 2019+ D	2019 +	MI000TS48 \$ 62
233824	HARNESS ADAPTER GMC Box off 2020-2023 D	2020 - 2023	MI000TS48 \$ 62
233826	HARNESS ADAPTER GMC Box off 2024+ D	2024+	MI000TS48 \$ 62
233825	HARNESS ADAPTER GMC Cab Chassis 2020+ D	2020 +	MI000TS48 \$ 62
233830	HARNESS ADAPTER RAM CAB/CHS 2007- D	2007 +	MI000TS48 \$ 62
233803	HARNESS ADAPTER LTB GENERIC D	Generic	MI000TS35 \$ 45
233831	HARNESS ADAPTER RAM Box Off 2019-2024 D	2019 - 2024	MI000TS48 \$ 62
233832	HARNESS ADAPTER RAM Box Off LED 19-24 D	2019 - 2024	MI000TS48 \$ 62
233833	HARNESS ADAPTER RAM Box Off 2025 -	2025+	MI000TS48 \$ 62

Truck bed Frame Width

Chevrolet/GMC

Prior to/including 1987- 34"
 1988 through 1998- 38"
 1999 until current- 42"

Dodge/Ram

Prior to/including 2003 38"
 2004 until current- 42"

Ford

All years 38"
 2017+ stepped frame so either 38" or 42" will work

All Cab Chassis Trucks are 34" frame width

Hillsboro Industries - FORD Adapter and LED Reference Chart

Updated 3-21-17

	Wiring Harness Adapter		LED Light Compatibility	
	HI Part #	Plug and Play	Preferred Method	Resistor Method
Ford Pickup Box Removal (F250+)				
1999-2007	233810 ¹	Yes	Replace Flasher ²	2 Resistors
2008-2010	233812 ¹	Yes	Reprogram Computer ³	2 Resistors
2011-2016	233813	Yes	Reprogram Computer ⁴	2 Resistors
2017-Present	233814	Yes	Reprogram Computer ⁵	4 Resistors
Ford Cab/Chassis				
1999-2007	233811	Yes	Replace Flasher ³	2 Resistors
2008-Present	233811	Yes	Yes, as shipped	

1. May not be compatible if truck is equipped with back up camera

2. Replace standard flasher with LED compatible flasher. HI recommends Tridon EP27 from Advanced Auto Parts, Autozone or online.

3. Ford dealer must reconfigure the Smart Junction Box (SJB) to turn off the lamp out indication. The service bulletin Q-158R1 can be

4. Ford dealer must reconfigure the Body Control Module (ECM) to turn off the lamp out indication. The service bulletin Q-158R3 can be

5. Ford dealer must reconfigure the Body Control Module (ECM) to turn off the lamp out indication. The service bulletin Q-261R1 can be found at <https://fordbbas.com/bulletins>

Hillsboro Industries - GM Adapter and LED Reference Chart

Updated 10-9-19

	Wiring Harness Adapter		LED Light Compatibility	
	HI Part #	Plug and Play	Preferred Method	Resistor Method
GM/Chevrolet Pickup Box Removal (2500+)				
1999-2002	233820 ^{1,2}	Yes	Replace Flasher ⁴	2 Resistors
2003-2007	233820 ¹	Yes	Replace Flasher ⁵	2 Resistors
2007-2014	233820 ¹	Yes	Reprogram Computer ³	4 Resistors
2015	233821 ⁷	Yes	Reprogram Computer ³	4 Resistors
2016-2019	233822 ⁸	Yes	Reprogram Computer ³	4 Resistors
2020-Present	233824	Yes	Reprogram Computer	4 Resistors
GM/Chevrolet Cab/Chassis				
1999-2002	233820 ^{1,2}	Yes	Replace Flasher ³	2 Resistors
2003-2007	233820 ¹	Yes	Replace Flasher ⁵	2 Resistors
2007-2014	233820 ¹	Yes	LED Ready	
2015	233821 ⁷	Yes	LED Ready	
2016-2019	233822 ⁸	Yes	LED Ready	
2020-Present	233824	Yes	LED Ready	

1. GM adapter plugs directly into rear chassis harness that was originally plugged into right hand side of Rear Junction Block.

2. On a few trucks (1999-2001 and some 2002), the blue wire on pin "C" needs to be moved to pin "F" for the backup lights to be powered.

3. Replace standard flasher with LED compatible flasher. HI recommends Tridon EP27 from Advanced Auto Parts, Autozone or online.

4. Replace standard flasher with LED compatible flasher. HI recommends Tridon EP29 from Advanced Auto Parts, Autozone or online.

5. Replace standard flasher with LED compatible flasher module. HI recommends 10383322 from GM/Chevrolet. Also can use Tridon

6. GM dealer must reconfigure the Body Control Module (BCM) to turn off the lamp out indication. The service bulletin (#31b) can be found

7. GM adapter plugs directly into Rear Lighting Junction Box the left (Blue) plug in the "L" slot and right (Grey) plug in the "R" slot. The

8. GM adapter plugs directly into GM wiring harness. The service bulletin (#129) can be found at <http://www.gmupfitter.com>

Hillsboro Industries - RAM Adapter and LED Reference Chart

Updated 10-9-19

	Wiring Harness Adapter		LED Light Compatibility	
	HI Part #	Plug and Play	Preferred Method	Resistor Method
Ram Pickup Box Removal (2500+)				
1999-2002	233803 ¹	No	Replace Flasher ²	2 Res stors
2003-2005	233803 ¹	No	Install (4) Resistor Harnesses ³	4 Res stors
2006-2009	233803 ¹	No	Install (2) Resistor Harnesses ⁴	2 Res stors
2010-2011	233803 ¹	No	Reprogram Computer ⁵	2 Res stors
2012-Present	233803 ¹	No	Multiple Methods ^{6,7,8}	2 Res stors
Ram Cab/Chassis				
2006-2009	233830	Yes	Install (2) Resistor Harnesses ⁴	2 Res stors
2010-2011	233830	Yes	Reprogram Computer ⁵	2 Res stors
2012-2015	233830	Yes	Multiple Methods ^{6,7}	2 Res stors
2016-Present	233830	Yes	LED Ready	

1. 233803 is a generic adapter with butt connectors to hard wire to truck.

2. Replace standard flasher with LED compatible flasher. HI recommends Tridon EP27 from Advanced Auto Parts, Autozone or online. Also can use Grote 44090 available from NAPA.

3. Ram recommends using a power resistor that matches the original lamps resistance. Hillsboro part 233805 is a resistor harness that plugs between the light and the truck bed harness. 2003-2005 trucks have separated stop and turn signals and require 4 resistors, 1 each for LH and RH turn, and 2 on the stop lamp circuit.

4. In order to use LED lights, Ram recommends using a power resistor that matches the original lamps resistance. Hillsboro part 233805 is a resistor harness that plugs between the light and the truck bed harness. 2 resistors are required, 1 for LH and 1 for RH turn signals.

5. Ram dealers can turn "off" bulb outage detection. This is done by having a dealer add the sales code "LBQ" to the vehicle configuration file in the TIPM module. For more info visit <http://www.rambodybuilder.com/2010/docs/dcdm/dcdmextlitmod.pdf>

6. Ram has multiple methods from grounding a wire to dealer reprogramming. For detailed info visit <https://www.ramtrucks.com/ram-commercial/body-builders-guide.html>

7. Some new Ram trucks come with Bulb out detection on the back up circuit, to correct this we need to install additional resistors on the Ram wiring, on the left and right back up lamp circuits. For detailed info visit <http://www.rambodybuilder.com/>