



SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

E-Mail via Website: www.fleet.ford.com/truckbbas (click "Contact Us")

Toll-free: (877) 840-4338

QVM Bulletin: Q-214R2

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Revision	Update	Revision Date
Q-214R2	• Updated model year effectivity	18 May, 2017

F-150 6.2L Snow Plow Application

Model Affected: 2013-2014 Model Year F-150 Super Cab and Super Crew pick up, with 6.2L engine and XLT, FX, Lariat and Platinum trim levels only.

Description: The 2013-14 MY F-150 Super Cab and Super Crew pick up, with 6.2L engine and XLT, FX, Lariat and Platinum trim levels are snow plow capable when the Outside Air Temperature (OAT) kit is installed. F-150 snow plow installation is intended for personal use only.

Details: A Snowplow OAT kit (DL3Z-14K073-A) is available through Ford Parts and Service. Outside air temperature information from the OAT sensor is required to maintain automatic interior climate control settings. Failure to relocate the OAT sensor with the installation of a snow plow will significantly degrade the vehicles ability to maintain automatic interior climate control settings, as well as display an incorrect outside air temperature reading.

Installation of this Kit is required if a snow plow is to be installed. See the additional attached pages for installation information.

Please note that **only 2013-2014MY and later F-150 Super Cab and Super Crew pick-up, with 6.2L engine and XLT, FX, Lariat and Platinum trim levels are capable of snow plow installation**. This bulletin does not apply to other 2013 or 2014 MY F-150 pick-ups or previous model years.

Vehicle content will affect vehicle plow capacity. Upper and lower plow weight recommendations and rear ballast load requirements are listed in the 2013 MY 6.2L F-150 Snowplow Weight Chart. The 2013 MY F-150 Option weight chart lists the additional weight each option adds to both the front and total base curb weight. Note: the 2014 MY weight chart is published in the Body Builder Layout Book.

Required Part Number:

Part	Part Number
OAT Sensor Kit	DL3Z-14K073-A

F-150 Headlamp Interface:

The F-150 comes equipped with either factory standard halogen lamps or High Intensity Discharge (HID) lamps. A connection to any circuit in the system controlled by the headlamp switch must be done using auxiliary relays in an appropriately designed interface harness. **DO NOT CUT AND SPLICE DIRECTLY INTO HEADLAMP WIRING.** Plow headlamps cannot be powered directly by the factory headlamp circuits or the Body Control Module (BCM). Additional loads on Ford provided fuses may cause permanent BCM damage and lighting failure. See electrical guidelines in the Body Builder Layout Book.

2013 MY 6.2L F-150 Snowplow Weight Chart

Vehicle	Trim Level	Option Content	Base Curb Weight (lbs.)		Mounting Hardware Weight (lbs.)	Snowplow Blade Maximum Weight @ F/GAWR (lbs.) *	Ballast (lbs.) **
			Front	Total			
SuperCab 6.2L, 4x4, 145" F/GAWR - 4050 lbs. R/GAWR- 4050 lbs. GVWR - 7700 lbs.	XLT Chrome	None	3356	5689	50	500	1160
		Maximum	3474	6149	50	366	830
	FX4	None	3373	5771	50	478	1100
		Maximum	3496	6196	50	346	800
	Lariat	None	3370	5763	50	481	1100
		Maximum	3516	6219	50	331	790
SuperCrew 6.2L, 4x4, 145" F/GAWR - 4050 lbs. R/GAWR- 4050 lbs. GVWR - 7700 lbs.	XLT Chrome	None	3324	5774	50	508	1060
		Maximum	3426	6162	50	395	790
	FX4	None	3341	5856	50	487	1000
		Maximum	3450	6214	50	374	760
	Lariat	None	3345	5861	50	484	1000
		Maximum	3450	6214	50	374	760
	Platinum	None	3408	6004	50	426	910
		Maximum	3474	6253	50	354	740
SuperCrew 6.2L, 4x4, 157" F/GAWR - 4050 lbs. R/GAWR- 4050 lbs. GVWR - 7700 lbs.	XLT Chrome	None	3420	5904	50	424	1020
		Maximum	3538	6364	50	292	690
	FX4	None	3437	5986	50	404	960
		Maximum	3562	6416	50	270	660
	Lariat	None	3441	5991	50	399	950
		Maximum	3581	6437	50	255	650
	Platinum	None	3504	6134	50	342	870
		Maximum	3586	6455	50	250	640

Notes:

The snowplow and mounting hardware weight limits shown are based upon a total of 300 lb. for the driver and one front seat passenger (150 lb. each).

* Excludes mounting hardware weight

** Ballast is to be placed 30 inches aft of rear axle

2013 F-150 Option Weight Chart

Option Weight	(Front/Total) (lbs.)
TIRES:	
P235/75R17 (All-terrain BSW) (4x2/4x4)	(0/0)
(SuperCab)	
P275/55R20 (All-terrain OWL) (4x4)	(30/86)
(SuperCab)	
P275/55R20 (All-terrain OWL) (4x4)	(6/25)
(SuperCrew)	
LT245/75R17E (All-terrain BSW)	
(Regular Cab/SuperCab)	(29/80)
(SuperCrew 4x4)	(5/19)
LT275/65R18C (All-terrain OWL) (4x4)	
(SuperCab)	(19/58)
(SuperCrew)	(-2/-3)
TRIM:	
XLT 4x4 (SuperCab)	(2/4)
XLT 4x4 (SuperCrew)	(0/0)
FX4 (SuperCab; includes FX4 Luxury)	(2/4)
FX4 (SuperCrew; includes FX4 Luxury)	(0/0)
Lariat 4x4 (SuperCab)	(2/4)
Lariat 4x4 (SuperCrew)	(2/4)
Platinum 4x4 (SuperCrew)	(8/16)
XLT Convenience Package	(0/0)
XLT Chrome Package	(3/5)
Lariat Chrome Package	(3/5)
Heavy-Duty Payload Package	(0/0)
MidBox Prep Package	
(SuperCab)	(67/266)
Power Equipment Group (Fleet)	(0/0)
Trailer Tow Package	(-7/44)
Max. Trailer Tow Package	(-10/40)
6-disc, In-dash AM/FM/CD Changer	(1/1)
Axle Ratio	(0/1)
Axle Ratio, Limited-slip	(0/2)

Option Weight	(Front/Total) (lbs.)
OPTIONS:	
Carpet	(3/4)
Cruise Control	(1/1)
Flooring, Vinyl	(0/0)
Floor Mats, Carpet	(4/6)
Floor Mats, Rubber	(3/4)
Fog Lamps	(2/2)
Fuel Tank, 36-gallon	(0/0)
Fuel Tank, 36-gallon (Optional)	(22/60)
Hard Bedliner	(0/55)
Moonroof, Power	(23/44)
Navigation System	(6/8)
Paint, Two-tone	(1/2)
Pedals, Power-adjustable	(1/2)
Pickup Box Access Steps	(16/65)
Rear View Camera	(0/0)
Remote Keyless Entry System	(2/4)
Reverse Sensing System	(0/0)
Running Boards, Black Platform	
SuperCab	(15/32)
SuperCrew	(19/38)
Running Boards, Polished Stainless Steel, Tubular	
SuperCab	(20/43)
SuperCrew	(20/47)
Running Boards, 5" Chrome Tubular	
SuperCab	(11/24)
SuperCrew	(13/25)
Seat, Vinyl 40/20/40	(0/0)
Seat, Cloth 40/20/40	(0/0)
Seat, Cloth Captain's Chairs	(0/0)
Seat, Leather Captain's Chairs	(0/0)
Seat, Power 6-way	(8/13)
Seat, Power 10-way	(8/14)
Seats (Heated/Cooled)	(4/4)
Seats (Heated Rear)	(2/4)

Option Weight	(Front/Total) (lbs.)
OPTIONS (continued):	
Side Mirrors, Power Heated	(4/4)
Side Mirrors, Power Heated, PowerFold	(5/7)
Side Mirrors, Manually Telescoping Trailer Tow, Manual Glass	(8/13)
Side Mirrors, Manually Telescoping Trailer Tow, Power Heated Glass	(11/18)
Side Mirrors, Power Heated, Signal	(4/5)
Side Mirrors, Power Telescoping Trailer Tow, Heated Glass	(13/21)
SiriusXM Satellite Radio	(0/0)
Skid Plates	(21/34)
Soft Tonneau Cover	(0/25)
Spray-in Bedliner	(0/44)
Stowable Bed Extender	(-2/20)
SYNC	(0/0)
Step Gate	(-5/40)
Trailer Brake Controller	(0/0)
Transfer Case, Electronic Shift-on-the-Fly	(0/0)
Universal Garage Door Opener	(0/0)
Wheels, 17" Machined Aluminum	(-12/-24)
Wheels, 17" Machined Aluminum with Painted Accents	(-15/-30)
Wheels, 18" Chrome-clad Aluminum	(-5/-6)
Wheels, 18" Machined Cast Aluminum	(-3/-3)
Wheels, 20" Chrome-clad Aluminum	(27/60)
Wheels, 20" 6-spoke, Machined Aluminum	(31/68)
Wheels, 20" Machined Aluminum with Painted Accents	(35/75)
Wheel Well Liner	(4/8)
Window, Rear, Fixed Privacy Glass with Defrost	(0/0)
Window, Rear, Manual-sliding with Privacy Tint	(2/4)
Window, Rear, Power-sliding with Privacy Tint and Defrost	(4/7)

If you have any questions, please contact the Ford Truck Body Builders Advisory Service as shown in the header of this bulletin.

Revision History		
Revision	Update	Revision Date
Q-214R1	<ul style="list-style-type: none"> Added note on headlamp interface 	13 Nov, 2012