

# Sno-Way Vehicle Application Quick Reference Guide

For vehicle specific notes and recommendations please search for vehicle under "What Plow Fits My Truck?"

## **Sno-Way statement regarding the installation of snow plows on vehicles equipped with driver/passenger airbags:**

- A number of vehicle manufacturers have or will be equipping vehicles with passenger safety airbags in addition to the airbag provided for the driver. As of this date, some testing has been done, but not enough data has been accumulated to make a definitive recommendation with respect to all snow plow applications.
- We have been advised that in the instances where testing has been done "the deployment of the safety device performed as expected." The deployment of an airbag (driver and/or passenger side) is normally the result of an impact occurring between the vehicle and another object, and is intended to protect the driver/passenger under such circumstances. See Vehicle Owner's Manual. The deployment of an airbag can cause injury to the passenger and/or driver. Again, this deployment is for the safety of the passenger and/or driver under such driving conditions as to cause the act of deployment.
- Sno-Way strongly recommends that you, as a responsible Dealer, advise all vehicle owner's with passenger safety airbags, that unusual jarring beyond normal snow plowing may cause the passenger and/or driver's safety airbag to deploy.
- Sno-Way strongly recommends that all snow plowing be done without any passengers.
- The "threshold" level of deployment varies from vehicle to vehicle, and with respect to "frontal" and "near-frontal" crashes, consequently, be sure to read your Vehicle Owner's Manual with respect to airbag deployment.
- Sno-Way makes no warranty, express or implied, with regard to the deployment of any safety airbag (driver or passenger), and Sno-Way will not be responsible for the reinstallation of any safety airbag or airbags, driver or passenger.
- The use of any vehicle equipped with a snow plow contemplates normal plowing usage, under familiar terrain conditions, at very moderate speeds and the avoidance of snow/ice covered obstructions, etc.

## **OPERATING CLASSES**

- **22 DriveWay SERIES 2** - The 22 Driveway Series Sno-Way plow is specifically designed for personal snow plowing with small and mid-size 4 x 4 trucks. 22 Driveway Series plows are NOT intended for commercial plowing of any kind.
- **22/22V SERIES 2** - The 22 Series Sno-Way plow is specifically designed for personal snow plowing with small and mid-size 4 x 4 trucks. 22 Series plows are intended for light commercial plowing.
- **26/26V/26R SERIES 2** - The 26 Series Sno-Way plow is specifically designed for mid commercial and non-commercial applications such as lot cleanup, drives, and sidewalks for use with full-size ½ ton 4 x 4 vehicles.
- **29R SERIES 2** - The 29R Series Sno-Way plow is specifically designed for commercial snow plowing with ¾ ton and 1 ton 4 x 4 trucks.
- **29VHD SERIES 2** - The 29VHD Series Sno-Way plow is specifically designed for heavy duty commercial snow plowing with ¾ ton and 1 ton 4 x 4 vehicles. Also 4 x 4 and 4 x 2 vehicles with a GVWR of up to 20,000 lbs
- **RevolutionHD SERIES 2** - The RevolutionHD Series Sno-Way plow is specifically designed for heavy duty commercial snow plowing with ¾ ton and 1 ton 4 x 4 vehicles. Also 4 x 4 and 4 x 2 vehicles with a GVWR of up to 20,000 lbs
- **32 Contractor SERIES 2** - The 32 Contractor Series Sno-Way plow is specifically designed for heavy duty commercial snow plowing with ¾ ton and 1 ton 4 x 4 vehicles. Also 4 x 4 and 4 x 2 vehicles with a GVWR of up to 20,000 lbs.
- **29RVHD SERIES 2** - The 29RVHD Series Sno-Way plow is specifically designed for heavy duty commercial snow plowing with ¾ ton and 1 ton 4 x 4 vehicles. Also 4 x 4 and 4 x 2 vehicles with a GVWR of up to 20,000 lbs.

## **MAXIMUM VEHICLE LOADING REQUIREMENTS:**

- The loaded vehicle, including all aftermarket accessories, the snow plow system, actual passenger complement, and cargo, must not exceed either the Gross Vehicle Weight Rating (GVWR) or front or rear Gross Axle Weight Rating (GAWR) specified on the Safety Compliance Certification label located on the driver's side door opening.
- The empty truck, with all permanently attached accessories and snow plow components, must not exceed 62% of its total weight on the front axle to comply with FMVSS 105 Brake Certification. Permanently attached snow plow

parts are those parts not easily removed when the blade is removed. The permanently attached parts are: sub-frame, snow plow controls, etc.

**If the front axle loading exceeds either 62% of the empty truck total weight, or the front GAWR, ballast compensating weight must be permanently attached at the rear of the truck behind the rear axle to bring front axle weight within specifications as defined above.**

- The amount of ballast will vary greatly depending on your vehicle, plow selection and the location of the ballast. Sno-Way calculates primary ballast as if behind the tailgate and if mounted in the receiver hitch. Since it is important that receiver hitch weight is not exceeded, at times it is necessary to add secondary ballast which will be calculated behind the rear wheels in the bed of the truck as far behind the rear wheels as practical. Weight calculations assume base weights as specified by OEM's and may not exactly reflect your vehicle. Plow fitment to vehicles with optional OEM or aftermarket accessories can not be guaranteed.
- Sno-Way recommends that trucks are outfitted with a "Snow Plow Prep" package when available.
- If your vehicles front end sags, it may be necessary to use a form of load booster to accommodate a snow plow package. This can be accomplished with the use of supplementary airbags, booster springs, or similar load boosting devices; e.g. Timbren or Hollow Rubber Spring kits. Since there are different load boosting devices available, it will be the responsibility of the customer / end-user to select and purchase the product to suit the application. (This is not the responsibility of Sno-Way International, Inc.)
- This guide is intended to provide the end-user with the proper plow selection for their application, based on vehicle size and type of plowing. SNO-WAY INTERNATIONAL, INC. will not recommend the installation of a snow plow that does not meet these requirements.

## Cadillac All Models Series Operating Class Application Guide

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
Escalade	07-14	26-7'-6" S2	N/A	99101106	99100890	99101399 - ESS
	99-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS

5/20/22-REV04

## Chevrolet Light Duty Series Operating Class Application Guide

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
COLORADO	15-22	22DW-6'-8"	99101185	N/A	N/A	N/A
		22DW-7'-6"	99101185	N/A	N/A	
		22-6'-8" S2	99101185	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99101185	N/A	N/A	
		22V-7'-4" S2	99101185	N/A	N/A	
		26-6'-8" S2	99101452	N/A	N/A	
	26-7'-6" S2	99101452	N/A	N/A		
	04-12	22DW-6'-8"	99100690	N/A	N/A	N/A
		22DW-7'-6"	99100690	N/A	N/A	N/A
		22-6'-8" S2	99100690	N/A	N/A	99101399 - ESS
22-7'-6" S2		99100690	N/A	N/A		
22V-7'-4" S2	99100690	N/A	N/A	N/A		
S10 BLAZER	98-04	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	N/A
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100752	N/A	N/A	
	95-97	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	N/A
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
22-7'-6" S2	99100752	N/A	N/A			
S10 PICKUP	98-04	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	N/A
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100752	N/A	N/A	
	95-97	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	N/A
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
22-7'-6" S2	99100752	N/A	N/A			
TRAILBLAZER	02-09	22DW-6'-8"	99100691	N/A	N/A	N/A
		22-6'-8" S2	99100691	N/A	N/A	99101399 - ESS

5/20/22-REV05

## Chevrolet 1500 Series Operating Class Application Guide

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
K1500 AVALANCHE	07-13	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
	02-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26R-8'-0" S2	N/A	99100870	99100890	
K1500 PICKUP	88-99	26-7'-6" S2	N/A	99100958	99101443	99101399 - ESS
		26V-8'-0" S2	N/A	99100958	99101443	
		26R-8'-0" S2	N/A	99100958	99101443	
K1500 SILVERADO	19-22	26-6'-8" S2	N/A	99101309	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101309	99100890	
		26V-8'-0" S2	N/A	99101309	99100890	
		26R-8'-0" S2	N/A	99101309	99100890	
	07-18	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	

	99-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	
K1500 SILVERADO (Old Body Style)	19	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
K1500 SILVERADO CLASSIC	07	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	
K1500HD SILVERADO	01-06	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
K1500 SUBURBAN	21-22	26-6'-8" S2	N/A	99101309	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101309	99100890	
		26V-8'-0" S2	N/A	99101309	99100890	
		26R-8'-0" S2	N/A	99101309	99100890	
	07-20	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
	00-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	
	92-99	26-7'-6" S2	N/A	99100958	99100890	99101399 - ESS
26V-8'-0" S2		N/A	99100958	99100890		
26R-8'-0" S2		N/A	99100958	99100890		
K1500 TAHOE	21-22	26-6'-8" S2	N/A	99101309	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101309	99100890	
		26V-8'-0" S2	N/A	99101309	99100890	
		26R-8'-0" S2	N/A	99101309	99100890	
	07-20	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
	00-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	
	94-99	26-7'-6" S2	N/A	99100958	99100890	99101399 - ESS
26V-8'-0" S2		N/A	99100958	99100890		
26R-8'-0" S2		N/A	99100958	99100890		

5/20/22-REV05

### Chevrolet 2500 Series Operating Class Application Guide

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
K2500 AVALANCHE	01-06	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		32C-8'-6" S2	N/A	99100872	99100892	
		32C-9'-0" S2	N/A	99100872	99100892	
K2500 PICKUP	88-00	29HD-7'-6" S2	N/A	99100958	99101429	99101399 - ESS
		29HD-8'-0" S2	N/A	99100958	99101429	
		29R-8'-10" S2	N/A	99100958	99101429	
		29VHD-8'-6" S2	N/A	99100958	99101429	
		32C-8'-6" S2	N/A	99100958	99101429	
		32C-9'-0" S2	N/A	99100958	99101429	
K2500 SILVERADO	20-22	29HD-7'-6" S2	N/A	99101364	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101364	99100892	
		29R-8'-10" S2	N/A	99101364	99100892	
		29VHD-8'-6" S2	N/A	99101364	99100892	
		29VHD-9'-6" S2	N/A	99101364	99100892	
		32C-8'-6" S2	N/A	99101364	99100892	

		32C-9'-0" S2	N/A	99101364	99100892	
		32C-10'-0" S2	N/A	99101364	99100892	
		RevHD-10'-0" S2	N/A	99101364	99100892	
		29RVHD-10'-0" S2	N/A	99101364	99100892	
	11-19	29HD-7'-6" S2	N/A	99101049	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101049	99100892	
		29R-8'-10" S2	N/A	99101049	99100892	
		29VHD-8'-6" S2	N/A	99101049	99100892	
		29VHD-9'-6" S2	N/A	99101049	99100892	
		32C-8'-6" S2	N/A	99101049	99100892	
		32C-9'-0" S2	N/A	99101049	99100892	
		32C-10'-0" S2	N/A	99101049	99100892	
		RevHD-10'-0" S2	N/A	99101049	99100892	
		29RVHD-10'-0" S2	N/A	99101049	99100892	
	99-10	29HD-7'-6" S2	N/A	99100872	99100892	
		29HD-8'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		29VHD-8'-6" S2	N/A	99100872	99100892	
		29VHD-9'-6" S2	N/A	99100872	99100892	
		32C-8'-6" S2	N/A	99100872	99100892	
		32C-9'-0" S2	N/A	99100872	99100892	
		32C-10'-0" S2	N/A	99100872	99100892	
		RevHD-10'-0" S2	N/A	99100872	99100892	
		29RVHD-10'-0" S2	N/A	99100872	99100892	
K2500 SUBURBAN	00-13	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		32C-8'-6" S2	N/A	99100872	99100892	
		32C-9'-0" S2	N/A	99100872	99100892	
	92-99	29HD-7'-6" S2	N/A	99100958	99101429	99101399 - ESS
		29HD-8'-0" S2	N/A	99100958	99101429	

1/4/22-REV04

**Chevrolet 3500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
K3500 SILVERADO	20-22	29HD-7'-6" S2	N/A	99101364	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101364	99100892	
		29R-8'-10" S2	N/A	99101364	99100892	
		29VHD-8'-6" S2	N/A	99101364	99100892	
		29VHD-9'-6" S2	N/A	99101364	99100892	
		32C-8'-6" S2	N/A	99101364	99100892	
		32C-9'-0" S2	N/A	99101364	99100892	
		32C-10'-0" S2	N/A	99101364	99100892	
		RevHD-10'-0" S2	N/A	99101364	99100892	
	29RVHD-10'-0" S2	N/A	99101364	99100892		
	11-19	29HD-7'-6" S2	N/A	99101049	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101049	99100892	
		29R-8'-10" S2	N/A	99101049	99100892	
		29VHD-8'-6" S2	N/A	99101049	99100892	
		29VHD-9'-6" S2	N/A	99101049	99100892	
		32C-8'-6" S2	N/A	99101049	99100892	
		32C-9'-0" S2	N/A	99101049	99100892	
		32C-10'-0" S2	N/A	99101049	99100892	
		RevHD-10'-0" S2	N/A	99101049	99100892	
	29RVHD-10'-0" S2	N/A	99101049	99100892		
	01-10	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		29VHD-8'-6" S2	N/A	99100872	99100892	
		29VHD-9'-6" S2	N/A	99100872	99100892	
		32C-8'-6" S2	N/A	99100872	99100892	
		32C-9'-0" S2	N/A	99100872	99100892	

		32C-10'-0" S2	N/A	99100872	99100892	
		RevHD-10'-0" S2	N/A	99100872	99100892	
		29RVHD-10'-0" S2	N/A	99100872	99100892	
	88-00	29HD-7'-6" S2	N/A	99100958	99101429	99101399 - ESS
		29HD-8'-0" S2	N/A	99100958	99101429	
		29R-8'-10" S2	N/A	99100958	99101429	
		29VHD-8'-6" S2	N/A	99100958	99101429	
		29VHD-9'-6" S2	N/A	99100958	99101429	
		32C-8'-6" S2	N/A	99100958	99101429	
		32C-9'-0" S2	N/A	99100958	99101429	
		32C-10'-0" S2	N/A	99100958	99101429	
		RevHD-10'-0" S2	N/A	99100958	99101429	
		29RVHD-10'-0" S2	N/A	99100958	99101429	

1/4/22-REV03

**Chevrolet 4500-5500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
4500 Silverado	19-22	RevHD- 10'-0"	N/A	99101344	99101357	99101399 - ESS
		32C-8'-6" S2	N/A	99101344	99101357	
		32C-9'-0" S2	N/A	99101344	99101357	
		32C-10'-0" S2	N/A	99101344	99101357	
		29VHD-8'-6" S2	N/A	99101344	99101357	
		29VHD-9'-6" S2	N/A	99101344	99101357	
		29RVHD-10'-0" S2	N/A	99101344	99101357	
	04-09	RevHD- 10'-0"	99101208	N/A	N/A	99101399 - ESS
		32C-8'-6" S2	99101208	N/A	N/A	
		32C-9'-0" S2	99101208	N/A	N/A	
		32C-10'-0" S2	99101208	N/A	N/A	
		29VHD-8'-6" S2	99101208	N/A	N/A	
		29VHD-9'-6" S2	99101208	N/A	N/A	
		29RVHD-10'-0" S2	99101208	N/A	N/A	
5500 Silverado	19-22	RevHD- 10'-0"	N/A	99101344	99101357	99101399 - ESS
		32C-8'-6" S2	N/A	99101344	99101357	
		32C-9'-0" S2	N/A	99101344	99101357	
		32C-10'-0" S2	N/A	99101344	99101357	
		29VHD-8'-6" S2	N/A	99101344	99101357	
		29VHD-9'-6" S2	N/A	99101344	99101357	
		29RVHD-10'-0" S2	N/A	99101344	99101357	
	04-09	RevHD- 10'-0"	99101208	N/A	N/A	99101399 - ESS
		32C-8'-6" S2	99101208	N/A	N/A	
		32C-9'-0" S2	99101208	N/A	N/A	
		32C-10'-0" S2	99101208	N/A	N/A	
		29VHD-8'-6" S2	99101208	N/A	N/A	
		29VHD-9'-6" S2	99101208	N/A	N/A	
		29RVHD-10'-0" S2	99101208	N/A	N/A	

5/1/21-REV02

**Dodge Light Duty Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
DAKOTA	05-11	26-6'-8" S2	N/A	99100881	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100881	99100890	
	00-04	26-7'-6" S2	N/A	99100880	99100890	99101399 - ESS
DURANGO	11-20	22DW-6'-8"	99101078	N/A	N/A	N/A
		22DW-7'-6"	99101078	N/A	N/A	
		22-6'-8" S2	99101078	N/A	N/A	
		22-7'-6" S2	99101078	N/A	N/A	
	04-09	26-6'-8" S2	N/A	99100881	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100881	99100890	
	00-03	26-6'-8" S2	N/A	99100880	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100880	99100890	

1/4/22-REV03

**Dodge 1500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
RAM 1500 PICK UP	19-22	26-6'-8" S2	N/A	99101329	99101443	99101399 - ESS
		26-7'-6" S2	N/A	99101329	99101443	
		26V-8'-0" S2	N/A	99101329	99101443	
		26R-8'-0" S2	N/A	99101329	99101443	
	09-18	26-6'-8" S2	N/A	99101215	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101215	99100890	
		26V-8'-0" S2	N/A	99101215	99100890	
		26R-8'-0" S2	N/A	99101215	99100890	
	06-08	26-6'-8" S2	N/A	99100853	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100853	99100890	
		26V-8'-0" S2	N/A	99100853	99100890	
		26R-8'-0" S2	N/A	99100853	99100890	
	02-05	26-7'-6" S2	N/A	99100875	99100890	99101399 - ESS
26V-8'-0" S2		N/A	99100875	99100890		
26R-8'-0" S2		N/A	99100875	99100890		
94-01	26R-8'-0" S2	N/A	99100879	99101443	99101399 - ESS	
	26V-8'-0" S2	N/A	99100879	99101443		
	26-7'-6" S2	N/A	99100879	99101443		
RAM 1500 PICK UP MEGA CAB	06-08	29HD-7'-6" S2	N/A	99100863	99100891	99101399 - ESS
		29HD-8'-0" S2	N/A	99100863	99100891	
RAM 1500 PICK UP (Old Body Style)	19-21	26-6'-8" S2	N/A	99101215	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101215	99100890	
		26V-8'-0" S2	N/A	99101215	99100890	
		26R-8'-0" S2	N/A	99101215	99100890	

5/20/22-REV04

**Dodge 2500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
RAM 2500 PICK UP	19-22	29HD-7'-6" S2	N/A	99101359	99101139	99101399 - ESS
		29HD-8'-0" S2	N/A	99101359	99101139	
		29R-8'-10" S2	N/A	99101359	99101139	
		29VHD-8'-6" S2	N/A	99101359	99101139	
		29VHD-9'-6" S2	N/A	99101359	99101139	
		32C-8'-6" S2	N/A	99101359	99101139	
		32C-9'-0" S2	N/A	99101359	99101139	
		32C-10'-0" S2	N/A	99101359	99101139	
		RevHD-10'-0" S2	N/A	99101359	99101139	
	29RVHD-10'-0" S2	N/A	99101359	99101139		
	10-18	29HD-7'-6" S2	N/A	99101169	99101139	99101399 - ESS
		29HD-8'-0" S2	N/A	99101169	99101139	
		29R-8'-10" S2	N/A	99101169	99101139	
		29VHD-8'-6" S2	N/A	99101169	99101139	
		29VHD-9'-6" S2	N/A	99101169	99101139	
		32C-8'-6" S2	N/A	99101169	99101139	
		32C-9'-0" S2	N/A	99101169	99101139	
		32C-10'-0" S2	N/A	99101169	99101139	
		RevHD-10'-0" S2	N/A	99101169	99101139	
	29RVHD-10'-0" S2	N/A	99101169	99101139		
	03-09	29HD-7'-6" S2	N/A	99100863	99100891	99101399 - ESS
		29HD-8'-0" S2	N/A	99100863	99100891	
		29R-8'-10" S2	N/A	99100863	99100891	
		29VHD-8'-6" S2	N/A	99100863	99100891	
		29VHD-9'-6" S2	N/A	99100863	99100891	
		32C-8'-6" S2	N/A	99100863	99100891	
		32C-9'-0" S2	N/A	99100863	99100891	
		32C-10'-0" S2	N/A	99100863	99100891	
		RevHD-10'-0" S2	N/A	99100863	99100891	
	29RVHD-10'-0" S2	N/A	99100863	99100891		

94-02	29HD-7'-6" S2	N/A	99100860	99100891	99101399 - ESS
	29HD-8'-0" S2	N/A	99100860	99100891	
	29R-8'-10" S2	N/A	99100860	99100891	
	29VHD-8'-6" S2	N/A	99100860	99100891	
	29VHD-9'-6" S2	N/A	99100860	99100891	
	32C-8'-6" S2	N/A	99100860	99100891	
	32C-9'-0" S2	N/A	99100860	99100891	
	32C-10'-0" S2	N/A	99100860	99100891	
	RevHD-10'-0" S2	N/A	99100860	99100891	
29RVHD-10'-0" S2	N/A	99100860	99100891		

5/20/22-REV04

**Dodge 3500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
RAM 3500 PICKUP	19-22	29HD-7'-6" S2	N/A	99101359	99101139	99101399 - ESS
		29HD-8'-0" S2	N/A	99101359	99101139	
		29R-8'-10" S2	N/A	99101359	99101139	
		29VHD-8'-6" S2	N/A	99101359	99101139	
		29VHD-9'-6" S2	N/A	99101359	99101139	
		32C-8'-6" S2	N/A	99101359	99101139	
		32C-9'-0" S2	N/A	99101359	99101139	
		32C-10'-0" S2	N/A	99101359	99101139	
		RevHD-10'-0" S2	N/A	99101359	99101139	
	29RVHD-10'-0" S2	N/A	99101359	99101139		
	10-18	29HD-7'-6" S2	N/A	99101169	99101139	99101399 - ESS
		29HD-8'-0" S2	N/A	99101169	99101139	
		29R-8'-10" S2	N/A	99101169	99101139	
		29VHD-8'-6" S2	N/A	99101169	99101139	
		29VHD-9'-6" S2	N/A	99101169	99101139	
		32C-8'-6" S2	N/A	99101169	99101139	
		32C-9'-0" S2	N/A	99101169	99101139	
		32C-10'-0" S2	N/A	99101169	99101139	
		RevHD-10'-0" S2	N/A	99101169	99101139	
	29RVHD-10'-0" S2	N/A	99101169	99101139		
	03-09	29HD-7'-6" S2	N/A	99100863	99100891	99101399 - ESS
		29HD-8'-0" S2	N/A	99100863	99100891	
		29R-8'-10" S2	N/A	99100863	99100891	
		29VHD-8'-6" S2	N/A	99100863	99100891	
		29VHD-9'-6" S2	N/A	99100863	99100891	
		32C-8'-6" S2	N/A	99100863	99100891	
		32C-9'-0" S2	N/A	99100863	99100891	
		32C-10'-0" S2	N/A	99100863	99100891	
		RevHD-10'-0" S2	N/A	99100863	99100891	
	29RVHD-10'-0" S2	N/A	99100863	99100891		
	94-02	29HD-7'-6" S2	N/A	99100860	99100891	99101399 - ESS
		29HD-8'-0" S2	N/A	99100860	99100891	
		29R-8'-10" S2	N/A	99100860	99100891	
		29VHD-8'-6" S2	N/A	99100860	99100891	
		29VHD-9'-6" S2	N/A	99100860	99100891	
		32C-8'-6" S2	N/A	99100860	99100891	
32C-9'-0" S2		N/A	99100860	99100891		
32C-10'-0" S2		N/A	99100860	99100891		
RevHD-10'-0" S2		N/A	99100860	99100891		
29RVHD-10'-0" S2	N/A	99100860	99100891			

5/20/22-REV04



**Dodge 4500-5500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
RAM 4500 HD CHASSIS CAB 4X2 AND 4X4	19-22	RevHD- 10'-0"	N/A	99101386	99100891	99101399 - ESS
		32C-8'-6" S2	N/A	99101386	99100891	
		32C-9'-0" S2	N/A	99101386	99100891	
		32C-10'-0" S2	N/A	99101386	99100891	
		29VHD-8'-6" S2	N/A	99101386	99100891	
		29VHD-9'-6" S2	N/A	99101386	99100891	
		29RVHD-10'-0" S2	N/A	99101386	99100891	
	08-18	RevHD- 10'-0"	N/A	99101109	99100891	99101399 - ESS
		32C-8'-6" S2	N/A	99101109	99100891	
		32C-9'-0" S2	N/A	99101109	99100891	
		32C-10'-0" S2	N/A	99101109	99100891	
		29VHD-8'-6" S2	N/A	99101109	99100891	
		29VHD-9'-6" S2	N/A	99101109	99100891	
		29RVHD-10'-0" S2	N/A	99101109	99100891	
RAM 5500 HD CHASSIS CAB 4X2 AND 4X4	19-22	RevHD- 10'-0"	N/A	99101386	99100891	99101399 - ESS
		32C-8'-6" S2	N/A	99101386	99100891	
		32C-9'-0" S2	N/A	99101386	99100891	
		32C-10'-0" S2	N/A	99101386	99100891	
		29VHD-8'-6" S2	N/A	99101386	99100891	
		29VHD-9'-6" S2	N/A	99101386	99100891	
		29RVHD-10'-0" S2	N/A	99101386	99100891	
	08-18	RevHD- 10'-0"	N/A	99101109	99100891	99101399 - ESS
		32C-8'-6" S2	N/A	99101109	99100891	
		32C-9'-0" S2	N/A	99101109	99100891	
		32C-10'-0" S2	N/A	99101109	99100891	
		29VHD-8'-6" S2	N/A	99101109	99100891	
		29VHD-9'-6" S2	N/A	99101109	99100891	
		29RVHD-10'-0" S2	N/A	99101109	99100891	

5/20/22-REV04

**Ford Light Duty Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
EXPLORER	11-19	22DW-6'-8"	99101079	N/A	N/A	N/A
		22-6'-8" S2	99101079	N/A	N/A	99101399 - ESS
	95-01	22DW-6'-8"	99100693	N/A	N/A	99101399 - ESS
		22DW-7'-6"	99100693	N/A	N/A	
		22-6'-8" S2	99100693	N/A	N/A	
		22-7'-6" S2	99100693	N/A	N/A	
RANGER	19-22	22DW-6'-8"	99101358	N/A	N/A	N/A
		22DW-7'-6"	99101358	N/A	N/A	99101399 - ESS
		22-6'-8" S2	99101358	N/A	N/A	
		22-7'-6" S2	99101358	N/A	N/A	
		22V-7'-4" S2	99101358	N/A	N/A	
		26-6'-8" S2	99101363	N/A	N/A	
	26-7'-6" S2	99101363	N/A	N/A		
	98-11	22DW-6'-8"	99100693	N/A	N/A	N/A
		22DW-7'-6"	99100693	N/A	N/A	
		22-6'-8" S2	99100693	N/A	N/A	
22-7'-6" S2		99100693	N/A	N/A		
EXPLORER SPORT TRAC	01-06	22-6'-8" S2	99100693	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100693	N/A	N/A	

5/20/22-REV04

**Ford F150 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
BRONCO	21-22	22DW-7'-6"	99101468	N/A	N/A	N/A
		22-7'-6" S2	99101468	N/A	N/A	99101399 - ESS
		22V-7'-4" S2	99101468	N/A	N/A	
	80-91	29HD-7'-6" S2	N/A	99100866	99100891	99101399 - ESS
EXPEDITION	15-17	26-6'-8" S2	N/A	99101209	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101209	99100890	
	07-14	26-6'-8" S2	N/A	99100952	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100952	99100890	
	97-02	26-7'-6" S2	N/A	99100876	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100876	99100890	
		26R-8'-0" S2	N/A	99100876	99100890	
F150 HERITAGE PICKUP	04	26-7'-6" S2	N/A	99100876	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100876	99100890	
		26R-8'-0" S2	N/A	99100876	99100890	
F150 PICKUP	09-22	26-7'-6" S2	N/A	99101087	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99101087	99100890	
		26R-8'-0" S2	N/A	99101087	99100890	
	04-08	26-7'-6" S2	N/A	99100871	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100871	99100890	
		26R-8'-0" S2	N/A	99100871	99100890	
	97-03	26-7'-6" S2	N/A	99100876	99101443	99101399 - ESS
		26V-8'-0" S2	N/A	99100876	99101443	
		26R-8'-0" S2	N/A	99100876	99101443	
	80-91	29HD-7'-6" S2	N/A	99100866	99100891	99101399 - ESS

5/20/22-REV04

**Ford F250 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
EXCURSION	00-05	29HD-7'-6" S2	N/A	99101127	99100950	99101399 - ESS
		29HD-8'-0" S2	N/A	99101127	99100950	
F250 HD PICKUP	92-98	32C-8'-6" S2	N/A	99100864	99101428	99101399 - ESS
		32C-9'-0" S2	N/A	99100864	99101428	
		29R-8'-10" S2	N/A	99100864	99101428	
		29HD-7'-6" S2	N/A	99100864	99101428	
		29HD-8'-0" S2	N/A	99100864	99101428	
F250 LIGHT DUTY	97-99	26-7'-6" S2	N/A	99100876	99100890	99101399 - ESS
F250 PICKUP	80-91	32C-8'-6" S2	N/A	99100866	99100891	99101399 - ESS
		29HD-7'-6" S2	N/A	99100866	99100891	
		29HD-8'-0" S2	N/A	99100866	99100891	
F250 SUPER DUTY PICKUP	17-22	29HD-7'-6" S2	N/A	99101240	99100891	99101399 - ESS
		29HD-8'-0" S2	N/A	99101240	99100891	
		29R-8'-10" S2	N/A	99101240	99100891	
		29VHD-8'-6" S2	N/A	99101240	99100891	
		29VHD-9'-6" S2	N/A	99101240	99100891	
		32C-8'-6" S2	N/A	99101240	99100891	
		32C-9'-0" S2	N/A	99101240	99100891	
		32C-10'-0" S2	N/A	99101240	99100891	
		RevHD-10'-0" S2	N/A	99101240	99100891	
	29RVHD-10'-0" S2	N/A	99101240	99100891		
	08-16	29HD-7'-6" S2	N/A	99101198	99100950	99101399 - ESS
		29HD-8'-0" S2	N/A	99101198	99100950	
		29R-8'-10" S2	N/A	99101198	99100950	
		29VHD-8'-6" S2	N/A	99101198	99100950	
		29VHD-9'-6" S2	N/A	99101198	99100950	
		32C-8'-6" S2	N/A	99101198	99100950	
		32C-9'-0" S2	N/A	99101198	99100950	
		32C-10'-0" S2	N/A	99101198	99100950	
		RevHD-10'-0" S2	N/A	99101198	99100950	
29RVHD-10'-0" S2		N/A	99101198	99100950		

05-07	29HD-7'-6" S2	N/A	99101127 & 96114886	99100950	99101399 - ESS
	29HD-8'-0" S2	N/A	99101127 & 96114886	99100950	
	29R-8'-10" S2	N/A	99101127 & 96114886	99100950	
	29VHD-8'-6" S2	N/A	99101127 & 96114886	99100950	
	29VHD-9'-6" S2	N/A	99101127 & 96114886	99100950	
	32C-8'-6" S2	N/A	99101127 & 96114886	99100950	
	32C-9'-0" S2	N/A	99101127 & 96114886	99100950	
	32C-10'-0" S2	N/A	99101127 & 96114886	99100950	
	RevHD-10'-0" S2	N/A	99101127 & 96114886	99100950	
	29RVHD-10'-0" S2	N/A	99101127 & 96114886	99100950	
99-04	29HD-7'-6" S2	N/A	99101127	99100950	99101399 - ESS
	29HD-8'-0" S2	N/A	99101127	99100950	
	29R-8'-10" S2	N/A	99101127	99100950	
	29VHD-8'-6" S2	N/A	99101127	99100950	
	29VHD-9'-6" S2	N/A	99101127	99100950	
	32C-8'-6" S2	N/A	99101127	99100950	
	32C-9'-0" S2	N/A	99101127	99100950	
	32C-10'-0" S2	N/A	99101127	99100950	
	RevHD-10'-0" S2	N/A	99101127	99100950	
29RVHD-10'-0" S2	N/A	99101127	99100950		

5/20/22-REV05

**Ford F350 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
F350 PICKUP	92-98	32C-8'-6" S2	N/A	99100864	99101428	99101399 - ESS
		32C-9'-0" S2	N/A	99100864	99101428	
		32C-10'-0" S2	N/A	99100864	99101428	
		29R-8'-10" S2	N/A	99100864	99101428	
		29HD-7'-6" S2	N/A	99100864	99101428	
		29HD-8'-0" S2	N/A	99100864	99101428	
	80-91	32C-8'-6" S2	N/A	99100866	99100891	
		32C-9'-0" S2	N/A	99100866	99100891	
		32C-10'-0" S2	N/A	99100866	99100891	
		29R-8'-10" S2	N/A	99100866	99100891	
F350 SUPER DUTY PICK UP	17-22	29HD-7'-6" S2	N/A	99101240	99100891	99101399 - ESS
		29HD-8'-0" S2	N/A	99101240	99100891	
		29R-8'-10" S2	N/A	99101240	99100891	
		29VHD-8'-6" S2	N/A	99101240	99100891	
		29VHD-9'-6" S2	N/A	99101240	99100891	
		32C-8'-6" S2	N/A	99101240	99100891	
		32C-9'-0" S2	N/A	99101240	99100891	
		32C-10'-0" S2	N/A	99101240	99100891	
		RevHD-10'-0" S2	N/A	99101240	99100891	
	29RVHD-10'-0" S2	N/A	99101240	99100891		
	08-16	29HD-7'-6" S2	N/A	99101198	99100950	
		29HD-8'-0" S2	N/A	99101198	99100950	
		29R-8'-10" S2	N/A	99101198	99100950	
		29VHD-8'-6" S2	N/A	99101198	99100950	
		29VHD-9'-6" S2	N/A	99101198	99100950	
		32C-8'-6" S2	N/A	99101198	99100950	
		32C-9'-0" S2	N/A	99101198	99100950	
		32C-10'-0" S2	N/A	99101198	99100950	
RevHD-10'-0" S2		N/A	99101198	99100950		

	29RVHD-10'-0" S2	N/A	99101198	99100950	
05-07	29HD-7'-6" S2	N/A	99101127 & 96114886	99100950	99101399 - ESS
	29HD-8'-0" S2	N/A	99101127 & 96114886	99100950	
	29R-8'-10" S2	N/A	99101127 & 96114886	99100950	
	29VHD-8'-6" S2	N/A	99101127 & 96114886	99100950	
	29VHD-9'-6" S2	N/A	99101127 & 96114886	99100950	
	32C-8'-6" S2	N/A	99101127 & 96114886	99100950	
	32C-9'-0" S2	N/A	99101127 & 96114886	99100950	
	32C-10'-0" S2	N/A	99101127 & 96114886	99100950	
	RevHD-10'-0" S2	N/A	99101127 & 96114886	99100950	
	29RVHD-10'-0" S2	N/A	99101127 & 96114886	99100950	
99-04	29HD-7'-6" S2	N/A	99101127	99100950	99101399 - ESS
	29HD-8'-0" S2	N/A	99101127	99100950	
	29R-8'-10" S2	N/A	99101127	99100950	
	29VHD-8'-6" S2	N/A	99101127	99100950	
	29VHD-9'-6" S2	N/A	99101127	99100950	
	32C-8'-6" S2	N/A	99101127	99100950	
	32C-9'-0" S2	N/A	99101127	99100950	
	32C-10'-0" S2	N/A	99101127	99100950	
RevHD-10'-0" S2	N/A	99101127	99100950		

5/20/22-REV04

**Ford F450/550 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
F450 SUPER DUTY	17-22	RevHD-10'-0" S2	N/A	99101240	99100891	99101399 - ESS
		32C-8'-6" S2	N/A	99101240	99100891	
		32C-9'-0" S2	N/A	99101240	99100891	
		32C-10'-0" S2	N/A	99101240	99100891	
		29VHD-8'-6" S2	N/A	99101240	99100891	
		29VHD-9'-6" S2	N/A	99101240	99100891	
		29RVHD-10'-0" S2	N/A	99101240	99100891	
	08-16	RevHD-10'-0" S2	N/A	99101198	99100950	99101399 - ESS
		32C-8'-6" S2	N/A	99101198	99100950	
		32C-9'-0" S2	N/A	99101198	99100950	
		32C-10'-0" S2	N/A	99101198	99100950	
		29VHD-9'-6" S2	N/A	99101198	99100950	
		29RVHD-10'-0" S2	N/A	99101198	99100950	
	05-07	RevHD-10'-0" S2	N/A	99101127 & 96114886	99100950	99101399 - ESS
		32C-8'-6" S2	N/A	99101127 & 96114886	99100950	
		32C-9'-0" S2	N/A	99101127 & 96114886	99100950	
		32C-10'-0" S2	N/A	99101127 & 96114886	99100950	
		29VHD-8'-6" S2	N/A	99101127 & 96114886	99100950	
		29VHD-9'-6" S2	N/A	99101127 & 96114886	99100950	
		29RVHD-10'-0" S2	N/A	99101127 & 96114886	99100950	
	99-04	RevHD-10'-0" S2	N/A	99101127	99100950	99101399 - ESS
		32C-8'-6" S2	N/A	99101127	99100950	
		32C-9'-0" S2	N/A	99101127	99100950	
		32C-10'-0" S2	N/A	99101127	99100950	

		29VHD-8'-6" S2	N/A	99101127	99100950	
		29VHD-9'-6" S2	N/A	99101127	99100950	
		29RVHD-10'-0" S2	N/A	99101127	99100950	
F550 SUPER DUTY	17-22	RevHD-10'-0" S2	N/A	99101240	99100891	99101399 - ESS
		32C-8'-6" S2	N/A	99101240	99100891	
		32C-9'-0" S2	N/A	99101240	99100891	
		32C-10'-0" S2	N/A	99101240	99100891	
		29VHD-8'-6" S2	N/A	99101240	99100891	
		29VHD-9'-6" S2	N/A	99101240	99100891	
		29RVHD-10'-0" S2	N/A	99101240	99100891	
	08-16	RevHD-10'-0" S2	N/A	99101198	99100950	99101399 - ESS
		32C-8'-6" S2	N/A	99101198	99100950	
		32C-9'-0" S2	N/A	99101198	99100950	
		32C-10'-0" S2	N/A	99101198	99100950	
		29VHD-8'-6" S2	N/A	99101198	99100950	
		29VHD-9'-6" S2	N/A	99101198	99100950	
		29RVHD-10'-0" S2	N/A	99101198	99100950	
	05-07	RevHD-10'-0" S2	N/A	99101127 & 96114886	99100950	99101399 - ESS
		32C-8'-6" S2	N/A	99101127 & 96114886	99100950	
		32C-9'-0" S2	N/A	99101127 & 96114886	99100950	
		32C-10'-0" S2	N/A	99101127 & 96114886	99100950	
		29VHD-8'-6" S2	N/A	99101127 & 96114886	99100950	
		29VHD-9'-6" S2	N/A	99101127 & 96114886	99100950	
		29RVHD-10'-0" S2	N/A	99101127 & 96114886	99100950	
	99-04	RevHD-10'-0" S2	N/A	99101127	99100950	99101399 - ESS
		32C-8'-6" S2	N/A	99101127	99100950	
		32C-9'-0" S2	N/A	99101127	99100950	
		32C-10'-0" S2	N/A	99101127	99100950	
		29VHD-8'-6" S2	N/A	99101127	99100950	
		29VHD-9'-6" S2	N/A	99101127	99100950	
		29RVHD-10'-0" S2	N/A	99101127	99100950	

5/20/22-REV05

**GMC Light Duty Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
CANYON	15-22	22DW-6'-8"	99101185	N/A	N/A	N/A
		22DW-7'-6"	99101185	N/A	N/A	
		22-6'-8" S2	99101185	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99101185	N/A	N/A	
		22V-7'-4" S2	99101185	N/A	N/A	
		26-6'-8" S2	99101452	N/A	N/A	
		26-7'-6" S2	99101452	N/A	N/A	
	04-12	22DW-6'-8"	99100690	N/A	N/A	N/A
		22DW-7'-6"	99100690	N/A	N/A	N/A
		22-6'-8" S2	99100690	N/A	N/A	99101399 - ESS
22-7'-6" S2		99100690	N/A	N/A		
JIMMY	98-02	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	N/A
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100752	N/A	N/A	
	95-97	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
22-7'-6" S2	99100752	N/A	N/A			

SONOMA	98-04	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100752	N/A	N/A	
	95-97	22DW-6'-8"	99100752	N/A	N/A	N/A
		22DW-7'-6"	99100752	N/A	N/A	
		22-6'-8" S2	99100752	N/A	N/A	99101399 - ESS
	22-7'-6" S2	99100752	N/A	N/A		
ENVOY	02-09	22DW-6'-8"	99100691	N/A	N/A	N/A
		22-6'-8" S2	99100691	N/A	N/A	99101399 - ESS

5/20/22-REV05

**GMC 1500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
K1500 PICKUP	88-99	26R-8'-0" S2	N/A	99100958	99101443	99101399 - ESS
		26-7'-6" S2	N/A	99100958	99101443	
K1500 SIERRA	19-22	26-6'-8" S2	N/A	99101309	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101309	99100890	
		26V-8'-0" S2	N/A	99101309	99100890	
		26R-8'-0" S2	N/A	99101309	99100890	
	07-18	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
	99-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
26R-8'-0" S2		N/A	99100870	99100890		
K1500HD SIERRA	99-06	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99100872	99100892	
		29THD-7'-6"	N/A	99100872	99100892	
		29THD-8'-0"	N/A	99100872	99100892	
K1500 SIERRA (Old Body Style)	19	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
K1500 SIERRA CLASSIC	07	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	
K1500 SUBURBAN	92-99	26-7'-6" S2	N/A	99100958	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100958	99100890	
		26R-8'-0" S2	N/A	99100958	99100890	
K1500 YUKON	21-22	26-6'-8" S2	N/A	99101309	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101309	99100890	
		26V-8'-0" S2	N/A	99101309	99100890	
		26R-8'-0" S2	N/A	99101309	99100890	
	07-20	26-6'-8" S2	N/A	99101106	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101106	99100890	
		26V-8'-0" S2	N/A	99101106	99100890	
		26R-8'-0" S2	N/A	99101106	99100890	
	00-06	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	
	92-99	26-7'-6" S2	N/A	99100958	99100890	99101399 - ESS
26V-8'-0" S2		N/A	99100958	99100890		
26R-8'-0" S2		N/A	99100958	99100890		
K1500 YUKON (CLASSIC BODY STYLE)	07	26-7'-6" S2	N/A	99100870	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100870	99100890	
		26R-8'-0" S2	N/A	99100870	99100890	

5/20/22-REV05

**GMC 2500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
K2500 PICKUP	88-00	32C-8'-6" S2	N/A	99100958	99101429	99101399 - ESS
		32C-9'-0" S2	N/A	99100958	99101429	
		29R-8'-10" S2	N/A	99100958	99101429	
		29VHD-8'-6" S2	N/A	99100958	99101429	
		29HD-7'-6" S2	N/A	99100958	99101429	
		29HD-8'-0" S2	N/A	99100958	99101429	
K2500 SIERRA	20-22	29HD-7'-6" S2	N/A	99101364	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101364	99100892	
		29R-8'-10" S2	N/A	99101364	99100892	
		29VHD-8'-6" S2	N/A	99101364	99100892	
		29VHD-9'-6" S2	N/A	99101364	99100892	
		32C-8'-6" S2	N/A	99101364	99100892	
		32C-9'-0" S2	N/A	99101364	99100892	
		32C-10'-0" S2	N/A	99101364	99100892	
		RevHD-10'-0" S2	N/A	99101364	99100892	
	29RVHD-10'-0" S2	N/A	99101364	99100892		
	11-19	29HD-7'-6" S2	N/A	99101049	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101049	99100892	
		29R-8'-10" S2	N/A	99101049	99100892	
		29VHD-8'-6" S2	N/A	99101049	99100892	
		29VHD-9'-6" S2	N/A	99101049	99100892	
		32C-8'-6" S2	N/A	99101049	99100892	
		32C-9'-0" S2	N/A	99101049	99100892	
		32C-10'-0" S2	N/A	99101049	99100892	
		RevHD-10'-0" S2	N/A	99101049	99100892	
	29RVHD-10'-0" S2	N/A	99101049	99100892		
	99-10	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		29VHD-8'-6" S2	N/A	99100872	99100892	
29VHD-9'-6" S2		N/A	99100872	99100892		
32C-8'-6" S2		N/A	99100872	99100892		
32C-9'-0" S2	N/A	99100872	99100892			
K2500 YUKON	99-13	32C-8'-6" S2	N/A	99100872	99100892	99101399 - ESS
		32C-9'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		29HD-7'-6" S2	N/A	99100872	99100892	
		29HD-8'-0" S2	N/A	99100872	99100892	
K2500 YUKON XL CLASSIC	07	32C-8'-6" S2	N/A	99100872	99100892	99101399 - ESS
		32C-9'-0" S2	N/A	99100872	99100892	
		32C-10'-0" S2	N/A	99100872	99100892	
		29R-8'-10" S2	N/A	99100872	99100892	
		29HD-7'-6" S2	N/A	99100872	99100892	
		29HD-8'-0" S2	N/A	99100872	99100892	

5/20/22-REV05

**GMC 3500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
K3500 SIERRA	20-22	29HD-7'-6" S2	N/A	99101364	99100892	99101399 - ESS
		29HD-8'-0" S2	N/A	99101364	99100892	
		29R-8'-10" S2	N/A	99101364	99100892	
		29VHD-8'-6" S2	N/A	99101364	99100892	
		29VHD-9'-6" S2	N/A	99101364	99100892	
		32C-8'-6" S2	N/A	99101364	99100892	
		32C-9'-0" S2	N/A	99101364	99100892	
		32C-10'-0" S2	N/A	99101364	99100892	
		RevHD-10'-0" S2	N/A	99101364	99100892	
29RVHD-10'-0" S2	N/A	99101364	99100892			

11-19	29HD-7'-6" S2	N/A	99101049	99100892	99101399 - ESS
	29HD-8'-0" S2	N/A	99101049	99100892	
	29R-8'-10" S2	N/A	99101049	99100892	
	29VHD-8'-6" S2	N/A	99101049	99100892	
	29VHD-9'-6" S2	N/A	99101049	99100892	
	32C-8'-6" S2	N/A	99101049	99100892	
	32C-9'-0" S2	N/A	99101049	99100892	
	32C-10'-0" S2	N/A	99101049	99100892	
	RevHD-10'-0" S2	N/A	99101049	99100892	
	29RVHD-10'-0" S2	N/A	99101049	99100892	
01-10	29HD-7'-6" S2	N/A	99100872	99100892	99101399 - ESS
	29HD-8'-0" S2	N/A	99100872	99100892	
	29R-8'-10" S2	N/A	99100872	99100892	
	29VHD-8'-6" S2	N/A	99100872	99100892	
	29VHD-9'-6" S2	N/A	99100872	99100892	
	32C-8'-6" S2	N/A	99100872	99100892	
	32C-9'-0" S2	N/A	99100872	99100892	
	32C-10'-0" S2	N/A	99100872	99100892	
	RevHD-10'-0" S2	N/A	99100872	99100892	
	29RVHD-10'-0" S2	N/A	99100872	99100892	
88-00	29HD-7'-6" S2	N/A	99100958	99101429	99101399 - ESS
	29HD-8'-0" S2	N/A	99100958	99101429	
	29R-8'-10" S2	N/A	99100958	99101429	
	29VHD-8'-6" S2	N/A	99100958	99101429	
	29VHD-9'-6" S2	N/A	99100958	99101429	
	32C-8'-6" S2	N/A	99100958	99101429	
	32C-9'-0" S2	N/A	99100958	99101429	
	32C-10'-0" S2	N/A	99100958	99101429	
	RevHD-10'-0" S2	N/A	99100958	99101429	
	29RVHD-10'-0" S2	N/A	99100958	99101429	

5/20/22-REV02

**GMC 4500-5500 Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
C4500 4X2 AND 4X4	04-09	RevHD-10'-0" S2	99101208	N/A	N/A	99101399 - ESS
		32C-8'-6" S2	99101208	N/A	N/A	
		32C-9'-0" S2	99101208	N/A	N/A	
		32C-10'-0" S2	99101208	N/A	N/A	
		29VHD-8'-6" S2	99101208	N/A	N/A	
		29VHD-9'-6" S2	99101208	N/A	N/A	
		29RVHD-10'-0" S2	99101208	N/A	N/A	
C5500 4X2 AND 4X4	04-09	RevHD-10'-0" S2	99101208	N/A	N/A	99101399 - ESS
		32C-8'-6" S2	99101208	N/A	N/A	
		32C-9'-0" S2	99101208	N/A	N/A	
		32C-10'-0" S2	99101208	N/A	N/A	
		29VHD-8'-6" S2	99101208	N/A	N/A	
		29VHD-9'-6" S2	99101208	N/A	N/A	
		29RVHD-10'-0" S2	99101208	N/A	N/A	

5/20/22-REV03



**Jeep Light Duty Jeep Series Operating Class Application Guide**

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Headlamp Connector and Adapter Harness
COMMANDER	06-10	22DW-6'-8"	99100857	N/A	N/A	N/A
		22DW-7'-6"	99100857	N/A	N/A	N/A
		22-6'-8" S2	99100857	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100857	N/A	N/A	99101399 - ESS
LIBERTY	02-12	22DW-6'-8"	99100742	N/A	N/A	N/A
		22DW-7'-6"	99100742	N/A	N/A	N/A
		22-6'-8" S2	99100742	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100742	N/A	N/A	99101399 - ESS
GRAND CHEROKEE	11-19	22DW-6'-8"	99101078	N/A	N/A	N/A
		22DW-7'-6"	99101078	N/A	N/A	N/A
		22-6'-8" S2	99101078	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99101078	N/A	N/A	99101399 - ESS
	05-10	22DW-6'-8"	99100857	N/A	N/A	N/A
		22-6'-8" S2	99100857	N/A	N/A	99101399 - ESS
GLADIATOR	20-22	22DW-6'-8"	99101330	N/A	N/A	N/A
		22DW-7'-6"	99101330	N/A	N/A	N/A
		22-6'-8" S2	99101330	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99101330	N/A	N/A	99101399 - ESS
		22V-7'-4" S2	99101330	N/A	N/A	99101399 - ESS
WRANGLER JL & Later	18-22	22DW-6'-8"	99101330	N/A	N/A	N/A
		22DW-7'-6"	99101330	N/A	N/A	N/A
		22-6'-8" S2	99101330	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99101330	N/A	N/A	99101399 - ESS
		22V-7'-4" S2	99101330	N/A	N/A	99101399 - ESS
WRANGLER JK & Earlier	07-18	22DW-6'-8"	99100936	N/A	N/A	N/A
		22DW-7'-6"	99100936	N/A	N/A	N/A
		22-6'-8" S2	99100936	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100936	N/A	N/A	99101399 - ESS
		22V-7'-4" S2	99100936	N/A	N/A	99101399 - ESS
	97-06	22DW-6'-8"	99100877	N/A	N/A	N/A
		22DW-7'-6"	99100877	N/A	N/A	N/A
		22-6'-8" S2	99100877	N/A	N/A	99101399 - ESS
22-7'-6" S2	99100877	N/A	N/A	99101399 - ESS		
22V-7'-4" S2	99100877	N/A	N/A	99101399 - ESS		

## Nissan All Models Series Operating Class Application Guide

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
ARMADA	05-15	26-6'-8" S2	N/A	99100883	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100883	99100890	
FRONTIER	05-22	22DW-6'-8"	99100848	N/A	N/A	N/A
		22DW-7'-6"	99100848	N/A	N/A	N/A
		22-6'-8" S2	99100848	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100848	N/A	N/A	99101399 - ESS
		22V-7'-4" S2	99100848	N/A	N/A	99101399 - ESS
PATHFINDER	05-12	22DW-6'-8"	99100848	N/A	N/A	N/A
		22DW-7'-6"	99100848	N/A	N/A	N/A
		22-6'-8" S2	99100848	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100848	N/A	N/A	99101399 - ESS
TITAN	04-15	26-6'-8" S2	N/A	99100883	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100883	99100890	99101399 - ESS
	17-22	26-6'-8" S2	N/A	99101282	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101282	99100890	99101399 - ESS
TITAN XD	16-17	26-7'-6" S2	N/A	99101284	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99101284	99100890	99101399 - ESS
		26R-8'-0" S2	N/A	99101284	99100890	99101399 - ESS
		29HD-7'-6" S2	N/A	99101284	99101311	99101399 - ESS
		29HD-8'-0" S2	N/A	99101284	99101311	99101399 - ESS
	18-22	26-7'-6" S2	N/A	99101284	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99101284	99100890	99101399 - ESS
		26R-8'-0" S2	N/A	99101284	99100890	99101399 - ESS
		29HD-7'-6" S2	N/A	99101284	99101311	99101399 - ESS
		29HD-8'-0" S2	N/A	99101284	99101311	99101399 - ESS
		29THD-7'-6"	N/A	99101284	99101311	99101399 - ESS
		29THD-8'-0"	N/A	99101284	99101311	99101399 - ESS
		29R-8'-10" S2	N/A	99101284	99101311	99101399 - ESS
		29VHD-8'-6" S2	N/A	99101284	99101311	99101399 - ESS
		32C-8'-6" S2	N/A	99101284	99101311	99101399 - ESS
		32C-9'-0" S2	N/A	99101284	99101311	99101399 - ESS
32C-10'-0" S2	N/A	99101284	99101311	99101399 - ESS		
XTERRA	05-15	22DW-6'-8"	99100848	N/A	N/A	N/A
		22-6'-8" S2	99100848	N/A	N/A	99101399 - ESS

5/20/22-REV03

## Toyota Light Duty Series Operation Class Application Guide

Vehicle Model	Year	Plow Series	Subframe	Mount Kit	Center Member	Vehicle Energy Sensing System Harness
4RUNNER	96-02	22DW-6'-8"	99100760	N/A	N/A	N/A
		22DW-7'-6"	99100760	N/A	N/A	N/A
		22-6'-8" S2	99100760	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100760	N/A	N/A	99101399 - ESS
TACOMA	05-22	22DW-6'-8"	99100746	N/A	N/A	N/A
		22DW-7'-6"	99100746	N/A	N/A	N/A
		22-6'-8" S2	99100746	N/A	N/A	99101399 - ESS
		22-7'-6" S2	99100746	N/A	N/A	99101399 - ESS
	95-04	22V-7'-4" S2	99100746	N/A	N/A	N/A
		22DW-6'-8"	99100760	N/A	N/A	N/A
		22DW-7'-6"	99100760	N/A	N/A	N/A
		22-6'-8" S2	99100760	N/A	N/A	99101399 - ESS
22-7'-6" S2	99100760	N/A	N/A	99101399 - ESS		
TUNDRA	22	26-6'-8" S2	N/A	99101481	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99101481	99100890	99101399 - ESS
		26R-8'-0" S2	N/A	99101481	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99101481	99100890	99101399 - ESS
	07-21	26-6'-8" S2	N/A	99100928	99100890	99101399 - ESS
		26-7'-6" S2	N/A	99100928	99100890	99101399 - ESS
		26V-8'-0" S2	N/A	99100928	99100890	99101399 - ESS
	00-06	22DW-7'-6"	99100761	N/A	N/A	N/A
		22-7'-6" S2	99100761	N/A	N/A	99101399 - ESS