



Flat Tow Checklist

For any questions, please call 800-543-3626

Verifications

Towed Vehicle Year/Make/Model _____

RV Year/Make/Model _____

Is the towed vehicle flat-towable per the manufacturer? ☐ Yes ☐ No Check the vehicle's owner's manual & with the manufacturer, keeping in mind the transmissions or drivetrain could differ and affect its capability to tow. If this isn't an option for your vehicle, you can also check if it can be towed on a car dolly, [a guide we provide here](#).

Are there any restrictions on the vehicle that could inhibit the flat-towing experience? Such as aftermarket bumpers, winches, or other parts that could interfere with an installation?

What is the weight of your towed vehicle? Be sure to use your curb weight instead of your gross weight, then adding any extra weight you may be adding to your vehicle.

Final Weight _____

Compare the final number to the tow capacity of your motorhome. Be sure to consider both your motorhomes total rating, and the rating of your receiver hitch, using the lowest number as your rating. **Does your setup weigh less than what your motorhome can tow?**

Motorhome rating _____

Receiver hitch rating _____

After verifying your vehicle can be towed & your motorhome is fit to tow it, the correct equipment can be chosen:

The tow bar is your key link between your motorhome and towed vehicle. Demco offers three tow bars, and light and heavy models, in addition to a premium aluminum option. Choose the weight and feature combination that best fits your needs.

Commander 2 (9511012) - 6000lb rated, light-duty bar

Excalibur 3 (9511013) - 10,500lb rated, heavy-duty bar

Dominator (9511008) - 7,500lb rated, premium option with aluminum build and lightest physical weight

Tow Bar Part No. _____

Baseplate & Wiring Kit

The baseplate is piece of equipment mounted to your tow vehicle, reinforcing its frame to allow for safe towing at speed. The wiring kit assures that the lights on your towed vehicle continue to work during towing, like a standard trailer would. Go to the Demco baseplate finder ([link](#)) and enter your vehicle information to find the parts matching your vehicle. Be on the lookout for any exclusions on the listing.

Baseplate Part no. _____

Wiring Kit Part no. (LED Light bar?) _____

Supplemental Brake System

An SBS kit is essential to safe towing. Demco manufactures two systems for the two most common types of coaches: Class A models which typically have air brakes and use the Air Force One system, and Class C models which typically have hydraulic brakes and use the Stay-in-Play DUO system. Many new Class A coaches come from the factory with Air Force One system installed on your coach, meaning you only must install it on your towed vehicle. Systems are available as basic kits, or with other accessories bundled in at a discount. ([Link to online guide?](#))

Does your coach have hydraulic brakes, air brakes, or any factory prep? ☐ Hydraulic ☐ Air ☐ Prep choice

If your coach has **hydraulic brakes**, you would one of the follow Stay-in-Play DUO kits:

9599006 - Stay-in-Play DUO kit

9599018 – Stay-in-Play DUO with wireless coachlink (see “accessories” for more details)

If your coach has **air brakes** and has no prior Air Force One installations, use one of the following:

9599007 – Air Force One kit

9599019 – Air Force One with wireless coachlink (see “accessories” for more details)

If your coach is factory-prepped or for Air Force One, use the kit that matches your RV’s chassis. If you’re unsure, check with your coach’s manufacturer about pre-installed systems. Call Demco with questions: 1-800-543-3626

9599020 – AFO kit for factory-prepped Freightliner chassis, using Freightliner’s Brake Sync system

6271 & 6296 – Two AFO kits for factory-prepped Spartan chassis, using Spartan’s Safe-Haul system

9599021 – AFO kit for factory-prepped Tiffin’s, using the AFO, or any other previous AFO install on the RV

Brake System Part no. _____

During flat tow, your towed vehicle’s battery will either remain connected or it will be disconnected. You can verify this process in its owner’s manual. **Does your battery remain connected or disconnected?** ☐ **Connected** ☐ **Disconnected**

If the **battery remains connected**, the following two parts will complete your install:

6252 – Charge wire kit, which will charge your towed vehicle’s battery while in tow

9523054 – 7-to-6 way wiring jumper, which makes the connection between your RV and towed vehicle.

If the **battery is disconnected**, the following two parts will complete your install:

6338 – Battery disconnect kit, making it much easier to disconnect your battery during tow

9523069 – 7-to-4 way wiring adapter, which makes the connection between your RV and towed vehicle

Accessories

There are several accessories that can accompany your flat-tow setup.

May be required:

6257 – Brake system vacuum tee adapter for many Ford vehicles

18294 – Brake system air pressure regulator for Stay-in-Play DUO in use with Ford Mavericks

6414 – Brake light relay switch. Use if your brake lights remain active during flat-tow

17464 – A tee to work with Freightliner Super C chassis

Rise/drop receiver – Available in 4” (9523059) and 6” (923059). These may be required assure the angle of your tow bar is level with the ground during tow

Safety cable extension – Available in a number of configurations, these may be required when a significant rise/drop is needed to tow your vehicle level

Optional:

9599005 – The wireless coachlink, which moves your SBS notification from your towed vehicle to the cab of your RV wirelessly

6343 – Wireless LED Light bar, which can be used in lieu of wiring harnesses. This will prevent you from splicing into any factory wiring. It may be required on some newer vehicles.

9523042 – Tow bar cover, a marine-grade vinyl cover that protects your tow bar from the elements while stored on the coach

9523135 – A tow bar mounted shield that protects the towed vehicle from any debris kicked up by your motorhome while driving

9523068 – A locking pin kit, which will lock your tow bar to both your motorhome and towed vehicle while in use, only releasing with keys