



INSTALLATION INSTRUCTIONS

2019+ Can-Am Defender HD10 (64" & 65")

Before attempting to remove or install shocks on your vehicle, ensure you have the proper tools, safety equipment, and mechanical knowledge. Incorrect installation can lead to handling issues, premature component failure, or serious injury. If you are unsure about the procedures or torque specifications, consult the service manual or seek assistance from a qualified technician.

Tools Required:

- Floor jack and jack stands
- Lug wrench or impact wrench
- Socket set
- Torque wrench
- Medium Strength Thread Lock
- Personal Safety gear

Do Not Discard Any Stock Hardware during installation.

Front Shock Installation:

1: Ensure the vehicle is secured on a level, flat surface. It is necessary for the vehicle to be lifted and suspension at full droop (Extension) for installation. For easier installation, remove the front wheels.

2: Remove the lower, then upper shock hardware/bolt. Do not discard this hardware/bolt.



3: Install the Terrain Master Shock. Orientate the shock so the reservoirs are upside down & forward facing, slightly inward.



4: Reinstall the upper and lower shock hardware/bolt with Blue Loctite applied. Torque to factory specifications (Refer to your unit's owner's manual for the specification).



5: Repeat steps 2-4 for the opposite side.

6: If wheels were removed, reinstall wheels with stock hardware/bolt, torque to factory specification.

Rear Sway Bar Relocator Installation:

1: Unbolt the two rear sway bar mounts from the Chassis.

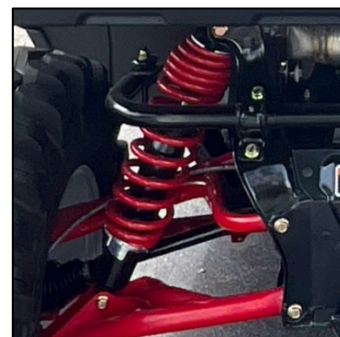
2: Install the included sway bar relocator, bolting it to the stock position using included hardware/bolt. Torque to factory specifications.

3: Mount stock rear sway bar mounts to the relocator. Torque to factory specifications.



Rear Shock Installation:

1: Remove the lower, then upper shock hardware/bolt. Do not discard this hardware/bolt. Remove the stock shock.





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2: Install the Terrain Master Shock. Orientate the shock so the reservoirs are upside down, facing towards the rear of the vehicle, inward.



3: Reinstall the upper and lower shock hardware/bolt with Blue Loctite applied. Torque to factory specifications (Refer to your unit's owner's manual for the specification)



4: Repeat steps 2-4 for the opposite side.

6: If wheels were removed, reinstall wheels with stock hardware/bolt, torque to factory specification.

Final Steps:

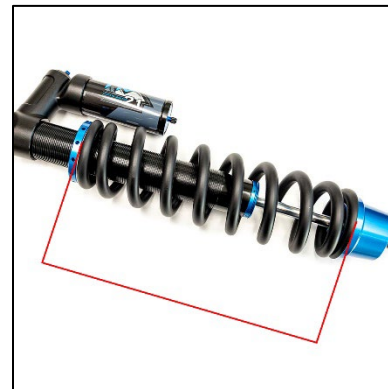
1: Before lowering vehicle, check front suspension to make sure nothing binds by turning the steering wheel back and forth.

2: Lower vehicle, let suspension settle by driving it a few feet. Measure ride height and adjust as needed. **Note: Springs for the 64" Defender are set up for two-seat vehicles, 65" are set for four-seat. Refer to chart below to adjust for your vehicle if needed.**

	Front Spring Length & Preload	Rear Spring Length & Preload	Ride Height
64" 2 Seat	14" - 1.125"	12" - 1.0"	10.25 - 13.25"
64" 4 Seat	14" - 1.25"	12" - 1.25"	10.25 - 13.25"
65" 2 Seat	14" - 0.125"	12" - 0.25"	14.75 - 17.75"
65" 4 Seat	14" - 0.25"	12" - 0.75"	14.75 - 17.75"

*Ride height is dependent on wheel/tire size.

How to measure adjust Preload:



1: Without load on the spring/shock, measure the spring end to end. Subtract this number from the spring length on our chart provided. This equals the amount of preload. (ex: 12 - 10.75 = 1.25" preload)

2: To adjust: loosen the 4mm socket head screw. To lower, loosen the preload ring. To add ride height, turn the preload ring so it compresses the spring. PLEASE NOTE: The maximum amount of preload is 1.5" (40mm). Do not back off preload to the point where the spring is loose. Tighten 4mm screw when adjustments are complete.

How to use the Compression Adjuster:



1: To configure the compression adjuster, turn the handle clockwise and count clicks for reference until it lightly stops

2: To adjust your suspension, turn your adjuster counterclockwise to your desired setting, we recommend the following:

- 1-5 Clicks- Heavy Load (ie: Snow Plow)
- 6-10 Clicks - Sportier Performance
- 11-15 Clicks - Comfort

3: Repeat steps 1 & 2 on the opposite side to match your setting.