

VAN COMPASS - FALCON 3.3 SHOCK SETTINGS GUIDE

3.3 Fast Adjust knob quickly changes compression feel for different terrain, payload and conditions. The **Red knob** controls the overall compression setting. The **Black knob** is only active in Setting 2, and is used to fine tune ride feel only on this setting.



Position: 1

Setting: 1	Preferred Situations, When to Use:
Maximum Comfort	Adventure Vans: Off road, rough terrain.
Softest Compression	Work & Passenger Vans: Empty or light loads.



Position: 2.1



Position: 2.8

Setting: 2	Preferred Situations, When to Use:
Micro Dial 1: Smoothest	Ride quality can be fine tuned with black micro dial.
Micro Dial 8: Sportiest	ALL Vans: Everyday use setting, city driving, mixed terrain.



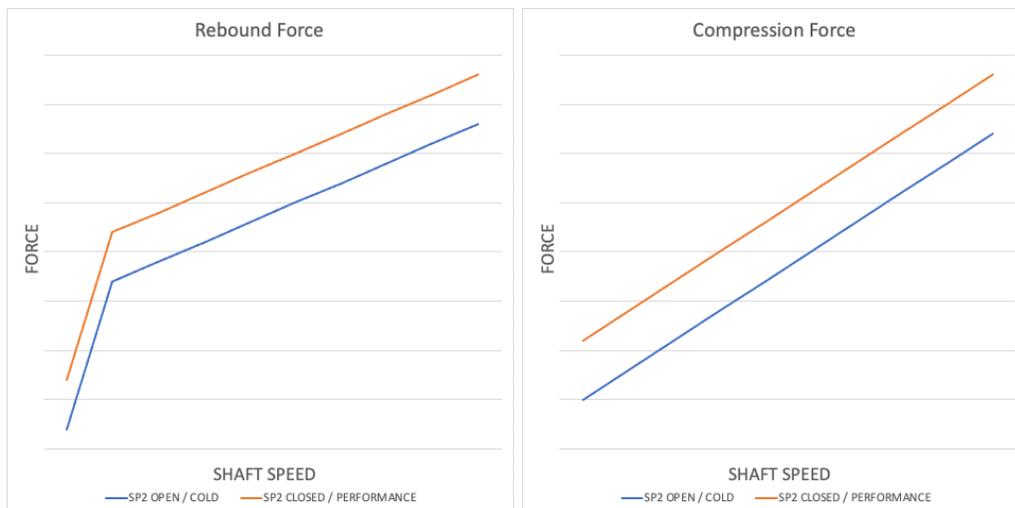
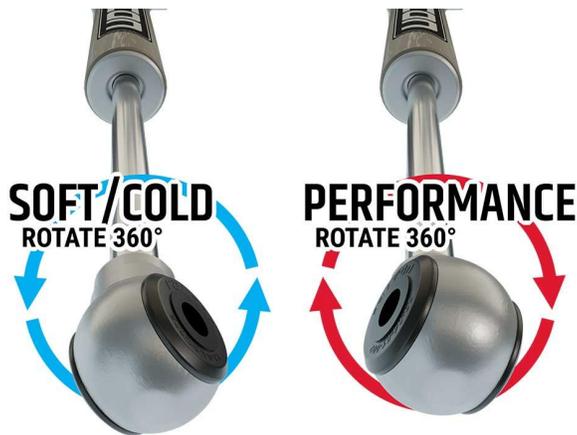
Position: 3

Setting: 3	Preferred Situations, When to Use:
Maximum Control	Adventure Vans: On road, high speed curves, high winds
Firmest Compression	Work & Passenger Vans: Fully loaded, towing.

SP2 Mode Adjust allows the installer to select one of 2 available base tune profiles internally to the shock. Rotation of the shaft opens or closes an internal bypass valve to change the overall feel of the shock. The default mode is **Open**, and can be set/checked during installation, following the steps below:

- 1) **Install top of shock, ensure shock shaft is fully extended.**
- 2) **Rotate shock shaft in the desired direction.**
- 3) **If necessary to align with shock mounts, continue to rotate in the desired direction. *Any Rotation in the opposite direction may switch modes.***

Internal SP2 Mode	Preferred Situations, When to Use:
Open / Cold	Softer tune: Van weight at lower end of tune range or driver prefers Comfort, temperatures below 40°F. Rotate the shock shaft counter clockwise before installation, at full extension.
Closed / Performance	Firmer tune: Van weight at higher end of tune range or driver prefers Sportiness. Rotate the shock shaft clockwise before installation, at full extension.



Shock Type:	Falcon 3.3 SP2, Adjustable		
Vehicle Type:	Sprinter 2500, Transit		
Part Number	Van Weight (lbs)	SP2	Rear Leaf Spring Configuration
3041	7,800 or less	OPEN	Factory
3041	7,800-9,000	CLOSED	Factory
3042	8,000-8,900	OPEN	Factory
3042	8,900 or more	CLOSED	Factory
3041	8,000 or less	OPEN	Factory + Mini Pack; Full spring pack
3041	8,000-9,200	CLOSED	Factory + Mini Pack; Full spring pack
3042	8,000-9,100	OPEN	Factory + Mini Pack; Full spring pack
3042	9,100 or more	CLOSED	Factory + Mini Pack; Full spring pack
3052	7,800 or less	OPEN	Factory
3052	7,800-9,000	CLOSED	Factory
3053	8,000-8,900	OPEN	Factory
3053	8,900 or more	CLOSED	Factory
3052	8,000 or less	OPEN	Factory + Mini Pack
3052	8,000-9,200	CLOSED	Factory + Mini Pack
3053	8,000-9,100	OPEN	Factory + Mini Pack
3053	9,100 or more	CLOSED	Factory + Mini Pack
3054	7,800 or less	OPEN	Factory
3054	7,800-9,000	CLOSED	Factory
3055	8,000-8,900	OPEN	Factory
3055	8,900 or more	CLOSED	Factory
3054	8,000 or less	OPEN	Factory + Mini Pack; Full spring pack
3054	8,000-9,200	CLOSED	Factory + Mini Pack; Full spring pack
3055	8,000-9,100	OPEN	Factory + Mini Pack; Full spring pack
3055	9,100 or more	CLOSED	Factory + Mini Pack; Full spring pack

[FALCON 3.3 OVERVIEW VIDEO:](#)



