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GVW-CV-PROTECTOR

Bolt-On CV Protector

1986-1991 Vanagon Syncro (4WD)

Volkswagen introduced a protection plate for the drive shaft outer constant velocity (CV) joints on Syncros. GoWesty has adapted this design to get you the protection you need at the right price. We trust these flaps to keep our CV joints safe in the NORRA Mexican 1000 race and beyond!

DISCLAIMER: This kit has been designed for easy installation. However, it does involve removing the brake rotor and caliper (?). The installation of this kit is not within everyone's ability. Read through these instructions carefully and decide if installing it is for you. If not, please take your vehicle to an automotive professional.

| Tools Required  | Hardware List  | Parts List  |
|--|---|--|
| 10mm Wrench or Socket 22mm Wrench or Socket (For GW Big Brake Caliper Bolts) Lug Nut Wrench | (6) M6 x 12mm Hex Bolts (4) M6 x 20mm Hex Bolts (6) M6 Nuts | (2) Reinforcement Bar (2) Rubber Flaps (1) Left Bracket (1) Right Bracket |



Note: The following installation is demonstrated with a [big brake kit](#) offered by GoWesty. Your caliper and rotor removal may be different, but the process will be the same.



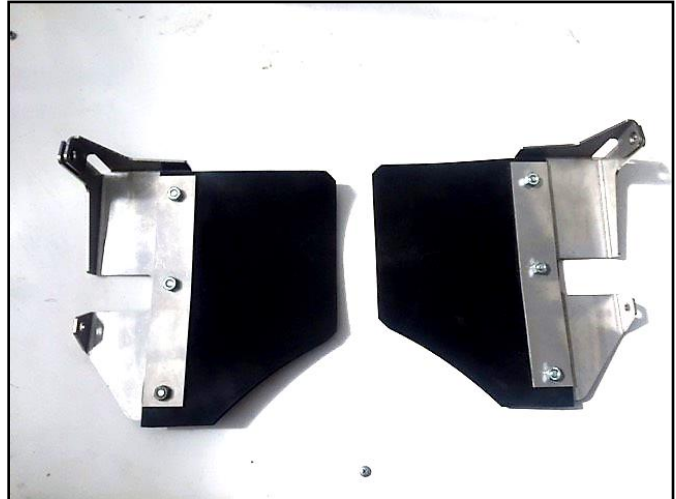
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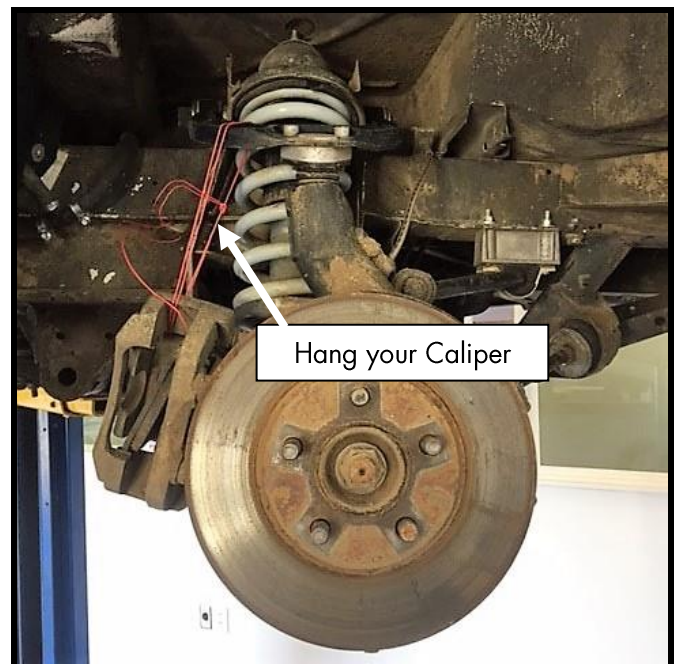
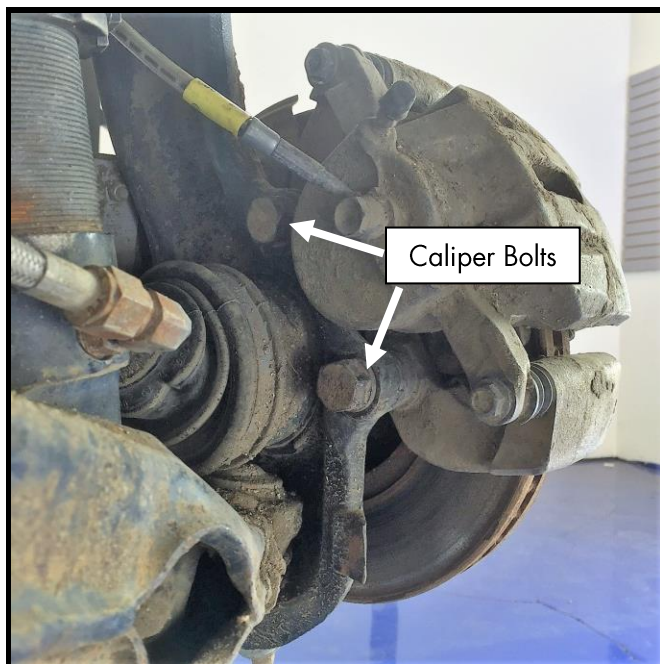
Installation Instructions

- 1) Assemble the flaps with the included parts and hardware. Each side consists of one bracket, one flap, three bolts, three nuts, and one reinforcement bar.



Note: Use the included antisieze when fastening all stainless steel hardware.

- 2) Remove your lug nuts and tire.
- 3) Remove your brake caliper and rotor. For GoWesty's Bigger Brakes, this simply requires removing the two 22mm bolts on the back side and sliding the caliper off. Some calipers require removal of the brake pads before the caliper can be removed. When removing your caliper, make sure to hang the caliper with string or wire to avoid damaging the brake line. Once your caliper is removed, your rotor should slide right off. Some rotors may be fastened with additional hardware.





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- 4) With your rotor removed, remove the two 10 mm bolts holding the dust shield in place, and remove the dust shield.



- 5) Slide the flap onto the steering knuckle and secure the dust shield with the provided 18mm long 6mm bolts with washers. The bracket will line up with the dust shield mounting holes. If your dust shield is missing or worn out, be sure to check out GoWesty's [new dust shields](#) online.

 *Note: Use the included antisieze when fastening all stainless steel hardware.*



- 6) Reinstall your rotor, caliper, and wheel!

That's it! You're Ready to Hit the Trails!