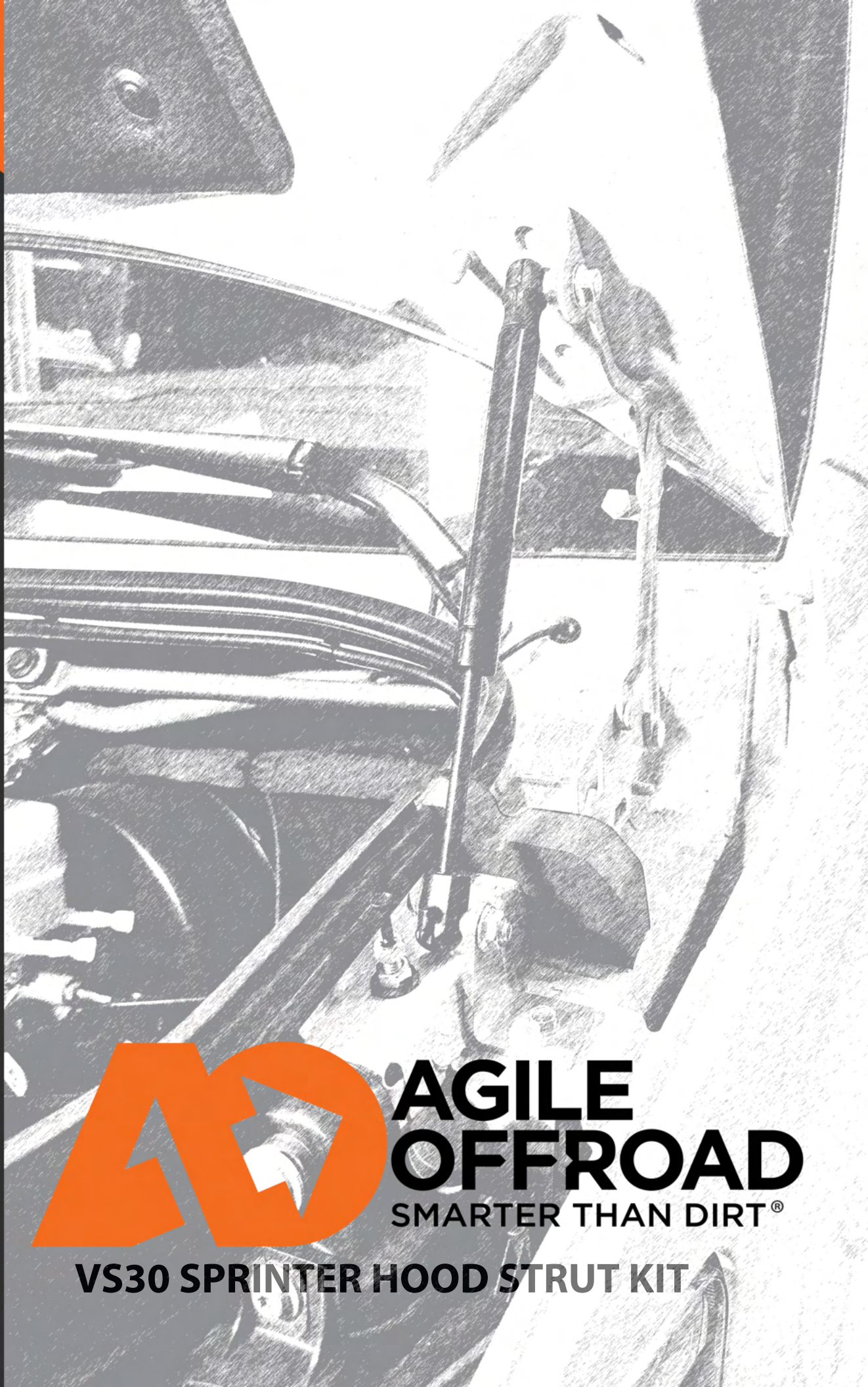


INSTALLATION GUIDE



**AGILE  
OFFROAD**  
SMARTER THAN DIRT®

**VS30 SPRINTER HOOD STRUT KIT**



# GENERAL INFORMATION

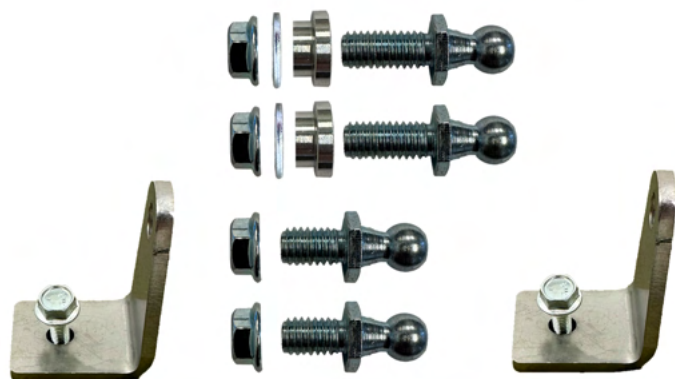
The AO Sprinter Hood Strut Kit is designed to be installed on the 2019+ Sprinters. We recommend the Hood Strut Kit be installed by an authorized AO dealer (refer to agileoffroad.com to find a dealer near you).

**\*\*Read the instructions completely before starting the installation process.\*\***

**\*\*This Hood Strut Kit is designed to hold up a stock hood only. Will Not Work on Hoods with Additional Weight\*\***

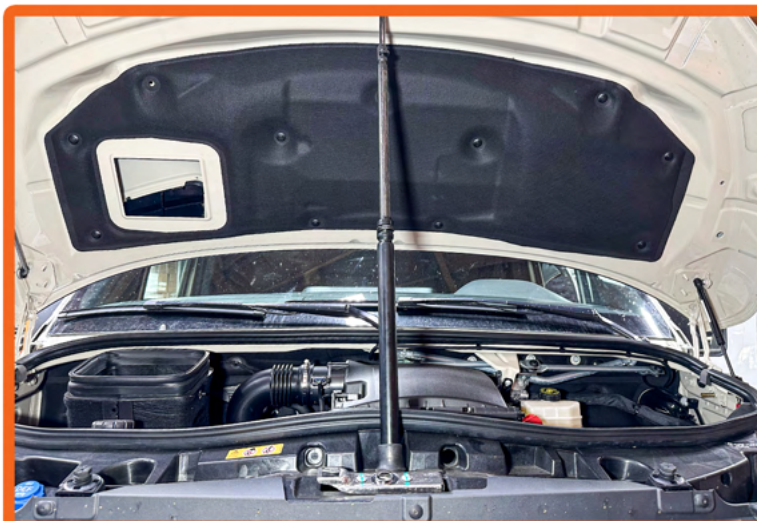
# PARTS INCLUDED

- (2) Custom Length Hood Struts
- (2) Fender L-Brackets
- (2) 6mm-1.00x16mm Flange Bolts
- (2) 10mm Ball Studs Short
- (2) 10mm Ball Studs Long
- (4) 5/16"-18 Flange Nuts
- (2) 5/16" Flat Washers
- (2) Aluminum Spacer Inserts
- (1) Red Loctite Capsule



# TOOLS NEEDED

- 10mm Socket/Wrench
- 1/2" Socket/Wrench (2 Required)
- Hood Prop
- Pliers



**1.** Install the short 10mm ball studs onto the L-Brackets as shown. Use a drop of the supplied red loctite. Torque to 13ft lbs.

**2.** Use a hood prop to hold the hood up.





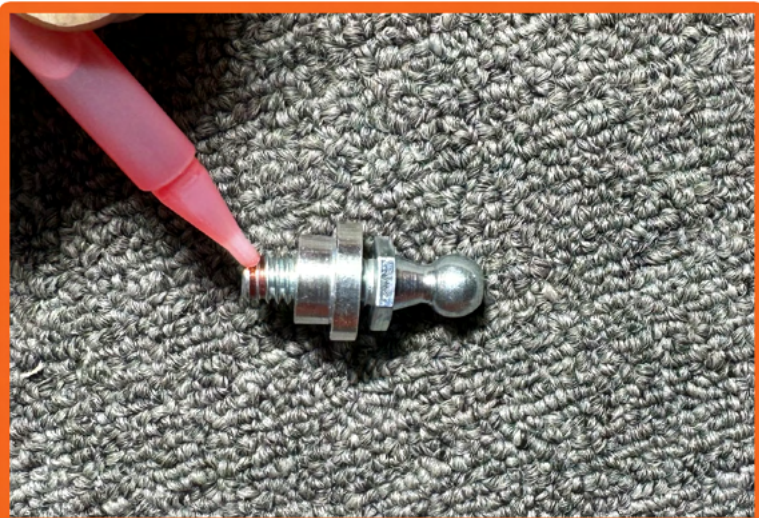
**3.** Release hood support arm from holder.



**4.** Hold the hood support arm with one hand and with the other hand pop the support arm off of the pivot bushing.



**5.** Use needle nose pliers to remove the pivot bushing off hood hinge.



**6.** Assemble the two supplied long 10mm ball studs and aluminum spacer inserts. Add a small drop of red loctite.



**7.** Install ball stud assembly onto the hood hinge using the supplied 5/16" flat washer and flange nut.



**8.** Tighten assembly using two 1/2" wrenches.





**9.** Install the second ball assembly on the opposite hinge.



**10.** Use a 10mm wrench to remove the front upper fender bolt off both driver and passenger sides.



**11.** Clean area.



**12.** Apply a small drop of red loctite to the supplied 6mm-1 flange bolts and install the L-Bracket assemblies.



**13.** Tighten 6mm-1 flange bolts using a 10mm wrench. Torque to 10 ft lbs.



**14.** Install the hood strut by snapping straight onto ball stud. Strut hole must be centered and straight on ball stud for easy installation.

**\*\*Removing the strut end clips is not required for installation\*\***





**15.** Install the hood strut to the lower mount.



**16.** Install the hood strut to the opposite side. With both hood struts installed, remove hood prop. Close hood as normal.