



Nissan & Infiniti Performance Specialists



Thank you for purchasing from Z1 Motorsports. We want to make sure you are happy with your new Hood Struts and hope this installation guide can streamline the process for you. In the incident that this is not enough information or if you have questions or concerns regarding your new kit please don't hesitate to call us directly 770-838-7777. This installation guide is written on standard assumption that you can safely lift and support your car safely. It is recommended that a level surface is used when installing these parts and that the car be turned off. If you have doubt in your ability to install these parts after reading this installation guide please find a qualified installer.

Tools Required

- **12mm socket**
- **Ratchet**
- **12mm wrench**
- **13mm wrench or socket**
- **Small Flat head screwdriver**

Tech Tip

If your car is lower than stock or you have seriously manly hands you may need to raise the front end of the car for part of the install.

1. Begin by raising and supporting the hood with the stock prop rod.
2. Remove the front rivet clip from the battery and brake cover trim. Use your small flat head screwdriver for this. Once removed install the lower ball stud, reach into the wheel well to install the lock nut onto the ball stud. *The washer on the ball stud can be installed over or under the cover – installer's choice, but it should be noted that if installed over the cover they cannot be removed without removing the hood strut lower ball stud (for instance for a battery service). Repeat on the opposite side.



3. Now that you have the lower ball stud installed move to the hood brackets. These are installed over the hinge with the factory hardware. The ball should point inboard, and it is easiest to loosen both Front Nuts, but only remove one at a time; then while carefully supporting the hood work the bracket into place. Once both are in place tighten the Nuts down. Repeat on the opposite side. **DO NOT REMOVE THE REAR NUT~** This holds the hood and bracket together and keeps everything lined up while you install the bracket.



4. Now that you have all the brackets installed you can move onto the struts. The struts use 2 different style ends for installation, a removable end with the additional pin lock (for the hood side) and a positive lock end for the front side. ***Do not install the sloped end of the piston rod onto the hood bracket. It cannot be removed from the ball once installed!** Snap this positive lock end onto the lower ball stud at the front of the brake or battery covers.



5. Now, make sure you do not have the lock pins installed, align the ball end over the ball stud and snap into place. Install the lock pin and you are finished.



To get the lock pins installed pass the straight part of the pin through the ball end and rotate it around until it snaps into place. Now you are all finished.

Try not to ball too hard!