

# Z1 OFF-ROAD FRONTIER HIGHT LIFT HOOD STRUT INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2022+	(D41) Nissan Frontier

## PROLOGUE:

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation, safety, and sound maintenance practices. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

## WARNING!

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Off-Road High Lift Hood Struts, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

## PARTS INCLUDED:

Item	Quantity	Description
1	2	Hood Strut, Z1

## TOOLS REQUIRED:

- Hood Prop
- Small Flat Head Screwdriver

## SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Remove jewelry.
- Always keep limbs and parts away from moving drivetrain parts.
- Always turn the ignition to the OFF position and disconnect the **NEGATIVE** battery terminal.
- Only operate drivetrain in safe space and well-ventilated areas.

## BEFORE YOU BEGIN:

Remove contents from the Z1 Off-Road Hight Lift Hood Strut Kit and verify that **ALL** necessary hardware is present.

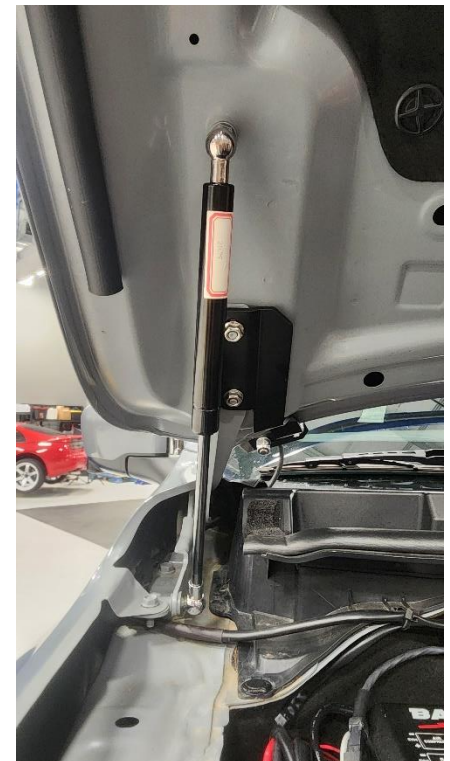
## PROCEDURE:

1. Place the transmission in Park position and apply the parking brake.
2. Open the hood, secure with a prop, or have a partner hold the hood.
3. Starting with either side and with the hood supported, use a small flat screwdriver to pry upwards on the OE hood strut black release tab.
4. With tab released, pull hood strut away from the ball mount.
5. Repeat the same procedure on the bottom mount and dispose of hood strut appropriately.
6. With the Z1 Hight Lift Hood Strut in hand, and with shock body pointing upwards towards the hood, press firmly on the head of the strut to engage the hood ball mount.



**Note:** If hood strut orientation is incorrect, damage can occur.

7. Repeat the same step on the bottom ball mount.
8. For the opposite side, repeat steps 3 through 7.
9. Remove and account for tools from engine bay.
10. Close and open the hood to verify operation.



## END

### **Additional Technical Support:**

Contact Z1 Off-Road at [info@z1offroad.com](mailto:info@z1offroad.com)  
Or call 678-839-8019 between 9am and 6pm ET