



**SOLID DIFFERENTIAL BUSHING KIT  
INSTALLATION INSTRUCTIONS:**

**89-94 NISSAN 240SX S13  
89-94 NISSAN SKYLINE GTS-T (2WD) R32**

**PART NUMBER:  
SDNS-0100**

We recommend that installation of all Voodoo13 parts be completed by a professional who is experienced in suspension tuning. With proper installation and maintenance, Voodoo13 suspension products will provide exceptional performance and durability. For any questions, please contact Voodoo13 immediately. We thank you for choosing Voodoo13 for your suspension tuning needs!

### **NEED HELP?**

Our representatives are here to help you with any questions concerning the operation of this product.

**CALL 480-889-0812**

Monday thru Friday 8:30am to 5:30pm MST

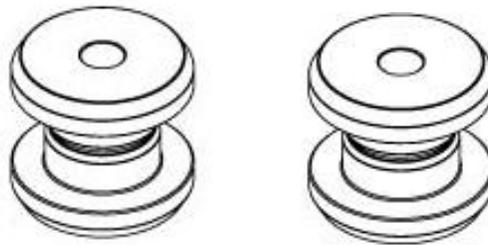
### **RECOMMENDED TOOLS AND SUPPLIES**

- General Mechanics Tool Set
- Vehicle Jack and Safety Jack Stands (Or Vehicle Lift)
- Torque Wrench

### **PART BREAKDOWN**

NOTE: For any OE hardware please refer to OEM service manual for torque specifications. For all included hardware, please torque to specifications shown below. It is recommended to use a torque wrench when tightening instead of an impact gun and apply anti-seize on all threads.

Front Differential Bushings



Torque Bolts to 72-87 ft-lbs

*Note: Front bushings now require longer bolts to adapt the S14/S15/R33/R34 differential into a S13/R32 subframe. We've included longer bolts required. However, the Nissan OEM part number is 55424-33P00 for reference.*

## INSTALLATION PROCEDURE

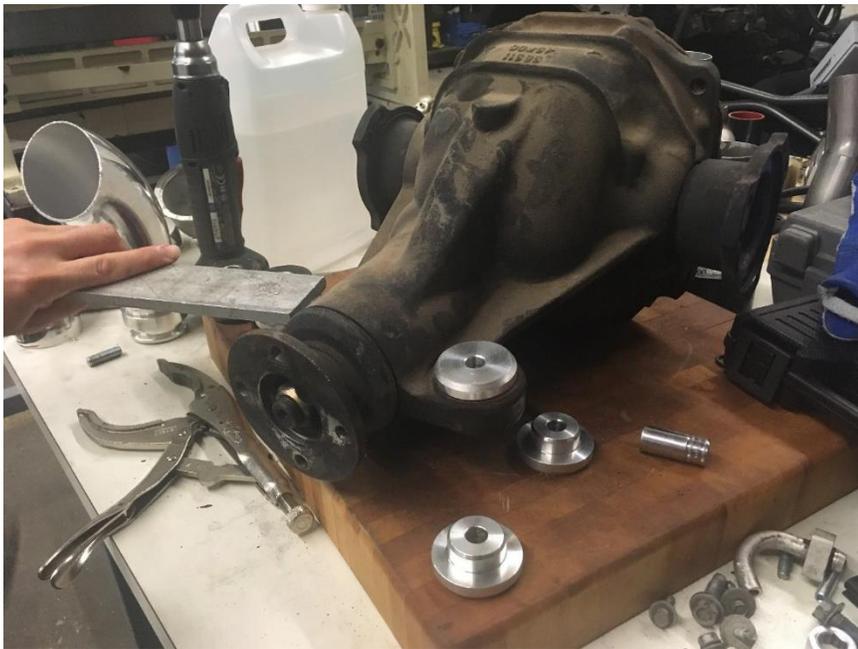
**Step 1:** Lift the vehicle to a safe height using the recommended factory lift points to work underneath the rear suspension. Ensure to place safety jack stands where recommended by Nissan before anyone goes underneath the car (unless using a vehicle lift with safety locks).

**Step 2:** Using the Nissan Factory Service Manual (FSM) as a guide, remove the drive shaft and rear axles from the rear differential.

**Step 3:** Remove the rear differential by removing the two front bolts and two rear bolts that hold the differential to the subframe. Make sure the differential is supported before removed all the bolts.

**Step 4:** Remove the factory OEM rubber subframe bushings. The bushings can either be cut out or pressed out. Many methods are available online. When removing the bushings on the ears of the differential, make sure to remove the rubber bushing and the metal sleeve.

**Step 5:** Press or hammer the 4 bushings in. It is recommended to place main bushings into the freezer overnight to help with installation as it will shrink the part marginally.



**Step 6:** Reinstall the differential: Use the supplied bolts for the front mounts of the differential. Front and rear differential bolts are to be torque to **72-87 ft-lbs** using a torque wrench. *Thread locker is recommended.*

**Step 7:** Reinstall the axles to the differential: Bolts are to be torque to **25-33 ft-lbs** using a torque wrench. *Thread locker is recommended.*

**Step 8:** Reinstall the driveshaft to the differential: Bolts are to be torque to **41-48 ft-lbs** using a torque wrench. *Thread locker is recommended.*

**Step 9:** Reinstall your wheels and lower the vehicle safely back to the ground. You may need to re-torque the lock nuts using a torque wrench after driving the car (settling may occur). You are finished!

## WARRANTY

All products sold are subject to the following warranty:

Voodoo13 offers a Limited Lifetime Warranty for our products to the original retail consumer against defects and workmanship when used on light truck and car applications under normal operating conditions. This warranty does not apply to parts that have been improperly installed or wearable items such as, but not limited to, worn bushings or bearings unless proven to be defective from the manufacturer.

Exterior finish on all Voodoo13 products is not considered a valid warranty; consumers are responsible for the maintenance of paint, anodize or raw metal finish.

The consumer will be responsible for the removal and freight costs both to and from the Distributor from which the product was originally purchased. Proof of purchase and product registration through the Voodoo13 website is mandatory in order to receive warrantee replacement; original invoice from the Distributor from which the product was purchased must accompany the product in question for warrantee.

Voodoo13 has the right to refuse a warrantee claim if procedures are not met by the original consumer. All returns must have an R.M.A. approval from Voodoo13 prior to shipping direct to the Voodoo13 facility. Exclusions from this warranty are sales outside of the United States, the finish, dents, rust, or any condition caused by abnormal use or neglect.

### WARNING

High performance parts. For off-road use only. Installation should be carried out by a qualified facility. Improper use or installation may result in injury or death.



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