



## **HIGH CLEARANCE REAR TOE ARMS INSTALLATION INSTRUCTIONS:**

**89-94 NISSAN 240SX/180SX/SILVIA S13**  
**95-98 NISSAN 240SX/200SX/SILVIA S14**  
**99-2002 NISSAN SILVIA/200SX S15**  
**89-94 NISSAN SKYLINE R32 (RWD ONLY)**  
**95-98 NISSAN SKYLINE R33 (RWD ONLY)**  
**99-02 NISSAN SKYLINE R34 (RWD ONLY)**

### **PART NUMBERS:**

**TONS-0101**

**TONS-0201**

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**

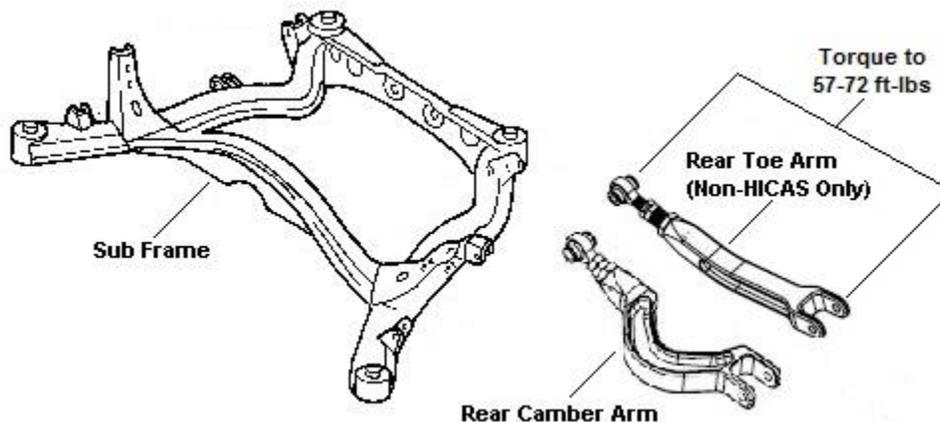
- General Mechanics Tool Set
- 17MM and 19MM Socket
- Jack and Jack Stands
- Torque Wrench

## **INCLUDED HARDWARE**

- **QTY:2** M12X1.25 75MM Length Bolts
- **QTY:2** 12 MM Washers
- **QTY:2** M12X1.25 Locking Nuts

## **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.



## 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:** Locate the rear toe arms on the vehicle subframe and remove the inner bolt towards the subframe and the outer bolt on the hub.

**Step 3:** Then install the new arm with the adjusters and the spherical joints towards the subframe.

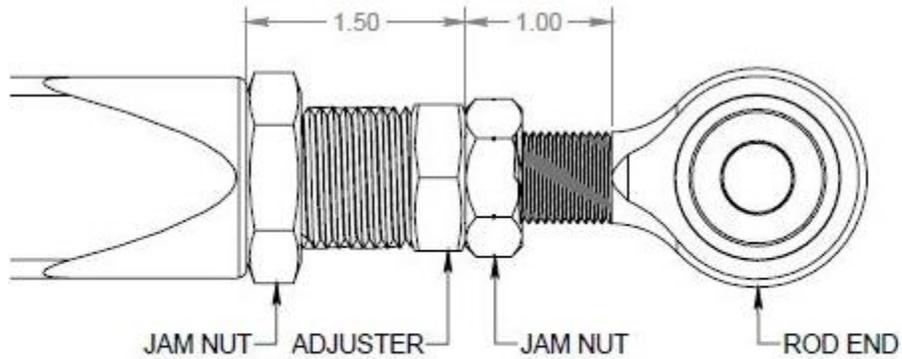
**Step 4:** Install the factory bolt and nut onto the subframe end and **torque to 57-72 ft-lbs** using a torque wrench. Do this for both subframe mounting points.

**Step 5:** Install the new supplied nuts and bolts to the bracket end of the new arm. Ensure the washers are used on the head of the bolt (NOTE: Larger shock bodies maybe have a clearance issue, for more clearance. Remove the washer from the bolt head side and have the head bolt on the inside next to the shock body.) **Torque to 57-72 ft-lbs** using a torque wrench.

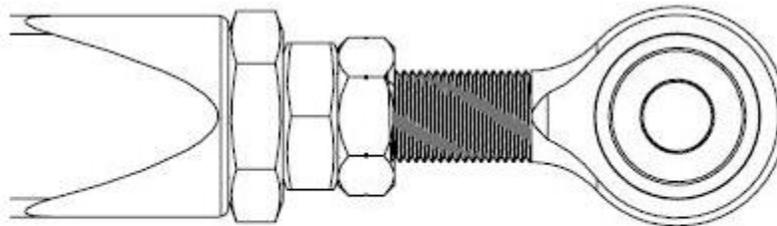
**Step 5:** Lower vehicle safely back to the ground and perform a vehicle alignment. You are finished! All adjustments will be via the adjustable toe on the inner portion where the spherical joints are located.

## ROD END ADJUSTMENT GUIDELINES

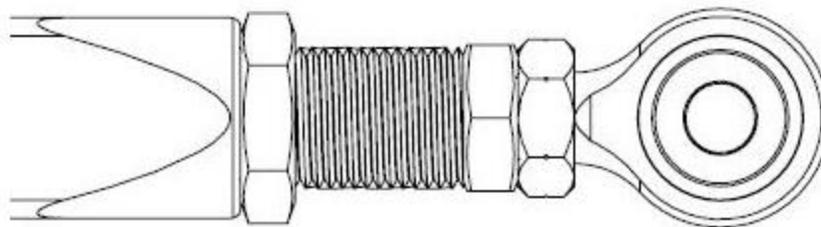
When adjusting rod end to desired position, adjust so that the rod end and adjuster have approximately the same amount of thread showing. Always use the jam nuts to secure the rod end and adjuster. Never tighten the rod end into the adjuster or the adjuster in the lower control arm as a jamming mechanism.



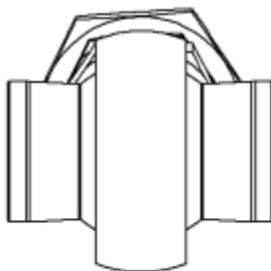
CORRECTLY ADJUSTED  
(MAX ADJUSTMENT SHOWN)



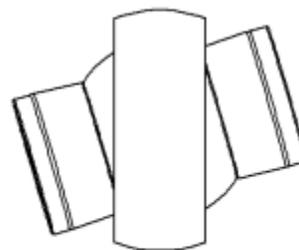
INCORRECTLY ADJUSTED  
INSUFFICIENT THREAD ENGAGEMENT ON ROD END



INCORRECTLY ADJUSTED  
INSUFFICIENT THREAD ENGAGEMENT ON ADJUSTER



CORRECTLY POSITIONED



INCORRECTLY POSITIONED  
TOO MUCH STATIC ROD END MISALIGNMENT

# 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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