



Replacement - Spicer Sliding CV Joint |7684-6436

SPICER WITHOUT SECRETS: 100% Spicer technical content with 0% complications | How to replace the 7684-6436 CV Joint.

Written By: Spicer

The Spicer logo, consisting of the word "SPICER" in a bold, black, sans-serif font, with a red horizontal line underneath it. The logo is positioned on a white background that is part of a larger red graphic element.

**Substituição - Junta Homocinética Deslizante
7684-6436**



INTRODUCTION

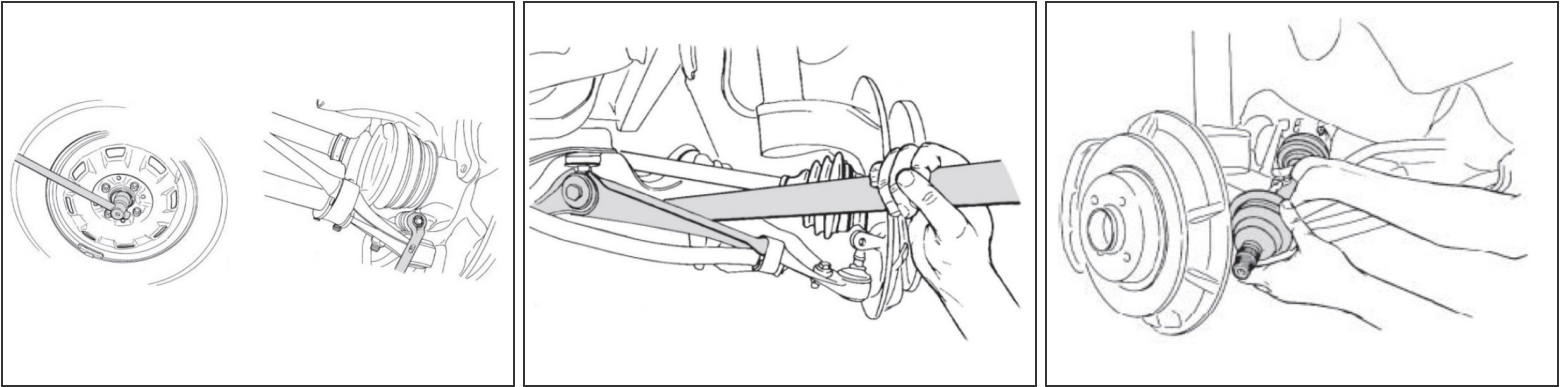
Replacing a CV Joint requires some care and specific tools.



TOOLS:

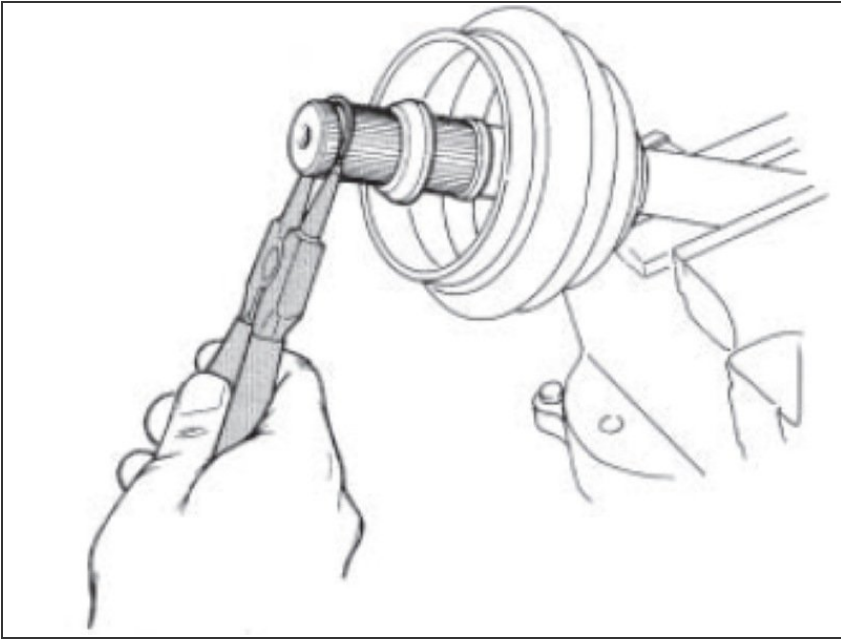
- [Torquimeter](#) (1)
 - [Pine Tree](#) (1)
 - [Polyurethane Hammer](#) (1)
 - [Screwdriver](#) (1)
 - [Clamp Pliers - "Bridge" Type](#) (1)
 - [Clamp Application Pliers](#) (1)
 - [Inner ring pliers](#) (1)
 - [Terminal Extractor](#) (1)
 - [CV Joint Extractor](#) (1)
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Step 1 — Half Shaft Removal



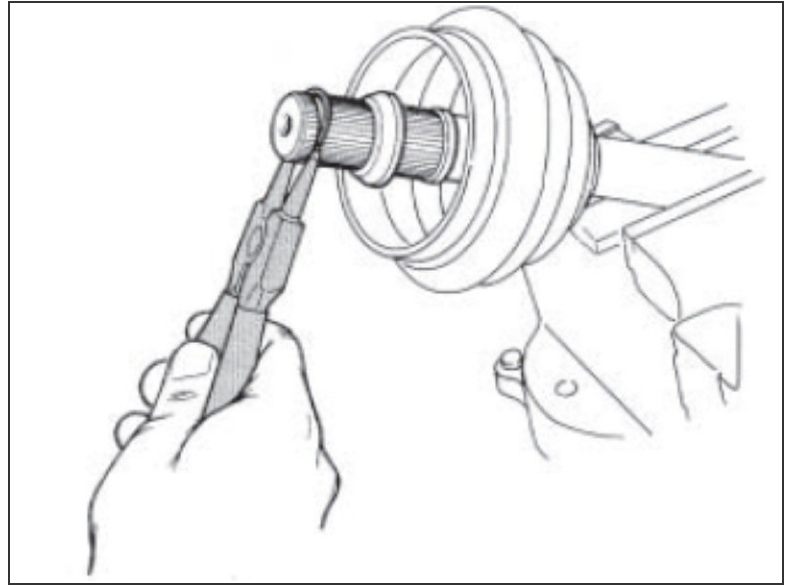
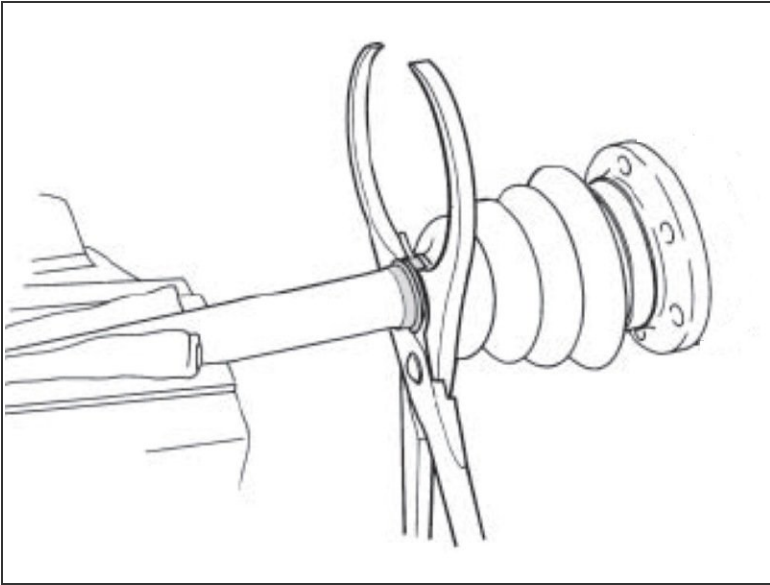
- With the vehicle resting on the ground, loosen the axle shaft nut and the wheel bolts; With the vehicle suspended, remove the wheel;
- Loosen the pivot and tie rod end nuts; Using an extractor, remove the pivot and tie rod end;
- Using a lever, force the tray down to disengage the pivot;
- Pull the axle sleeve to release the Fixed Joint, if necessary, use a polyurethane hammer;
- Remove the half shaft bearing bearing;
- Remove the Gearbox Tulip;

Step 2 — Disassembly of the Slip Joint



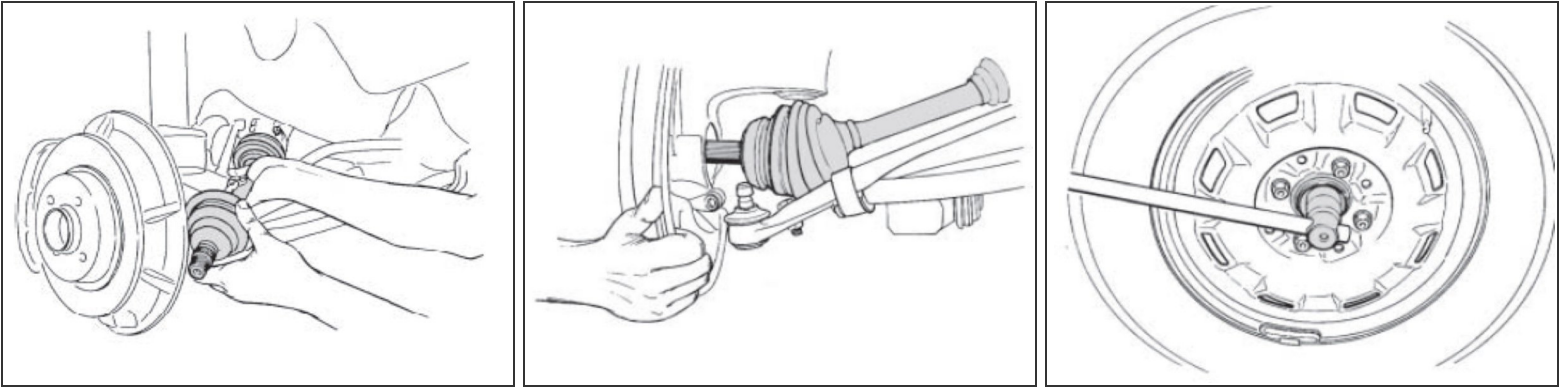
- Remove the hood clamps and remove the tulip tripod;
- Using ring pliers, remove the lock and tripod;
- Clean the half shaft to avoid grease contamination.

Step 3 — Slip Joint Assembly



- Manually assemble the Hood;
- Position the Tripod spline on the Half-shaft spline;
- Place the lock;
- Fit the Tripod into the Tulip;
- Place the hood clamps.

Step 4 — Half-shaft Installation



- Fit the Tulip into the Gearbox;
- Place the end of the Fixed Joint into the Hub. Fit the axle sleeve to the pivot. Install the steering terminal;
- Install the half shaft bearing housing;
- Tighten the pivot and steering terminal nuts. Insert the cotter pins;
- Place the new half-shaft nut, **do not reuse the old nut**. Position the Wheel and Wheel Bolts.
- With the vehicle resting on the ground, tighten the wheel nuts and axle shaft nut;
- To prevent accidental loosening, crimp the axle nut collar into the recess in the joint.

Step 5 — Safety is the result of the work of all of us.

Segurança **SEMPRE** em primeiro lugar



- Under no circumstances should you attempt any repair or maintenance for which you have not been trained or if you do not have the tools and equipment to repair it.
- Always wear the proper safety glasses when performing any type of maintenance. Failure to wear safety glasses could result in injury and/or partial or complete loss of vision.
- Always be careful when working with products that have sharp edges.

Step 6 — Respect the Environment

[youtube.com/SpicerBrasil](https://www.youtube.com/SpicerBrasil)

- An important part of the work and operation of your workshop is the correct disposal of the products that will be replaced. Do your part and together we contribute to a sustainable future.
- Find out more at <http://www.spicer.com.br/danatureza>

Avoid damage and premature wear, after installing the Half-shaft, check the vehicle's geometry.