



Replacement - Spicer Fixed CV Joint | 1611-729A

SPICER WITHOUT SECRETS: 100% Spicer technical content with 0% complications | How to replace the Fixed CV Joint 1611-729A.

Written By: Spicer



INTRODUCTION

Replacing a Fixed CV Joint requires some care and specific tools.

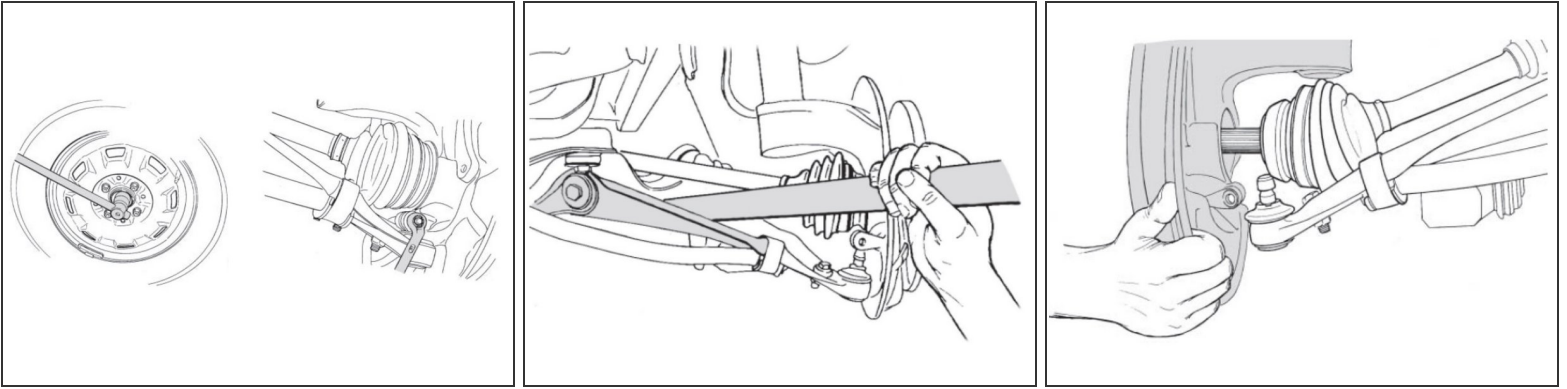
 TOOLS:

- [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)

 PARTS:

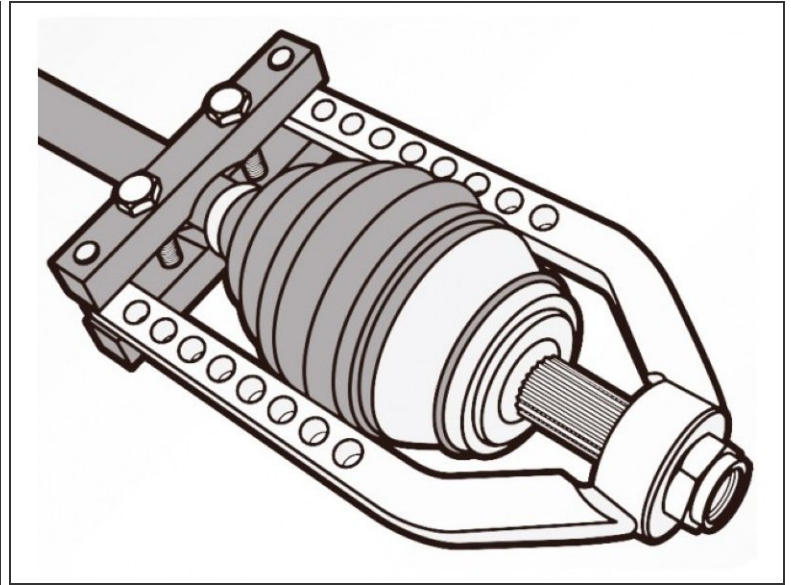
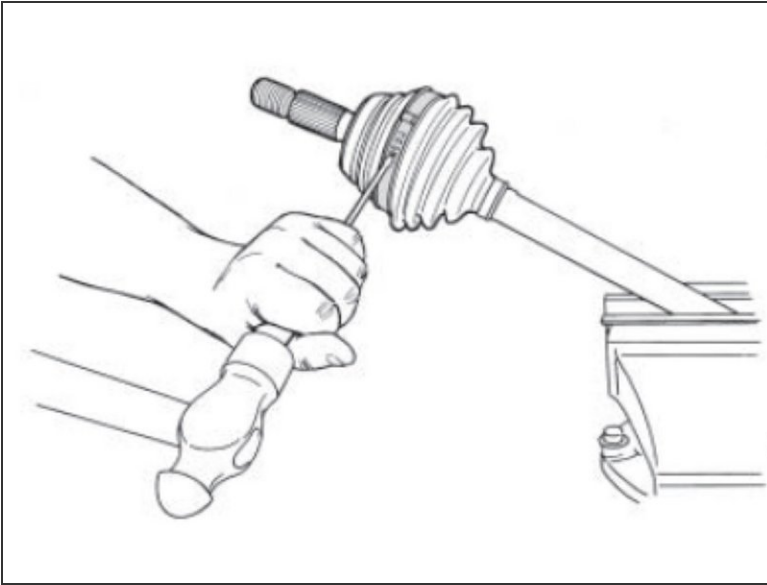
- [Fixed CV Joint 1611-729A](#) (1)

Step 1 — Half Shaft Removal



- With the vehicle resting on the ground, loosen the axle shaft nut and 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;

Step 2 — Disassembly of the Fixed Joint



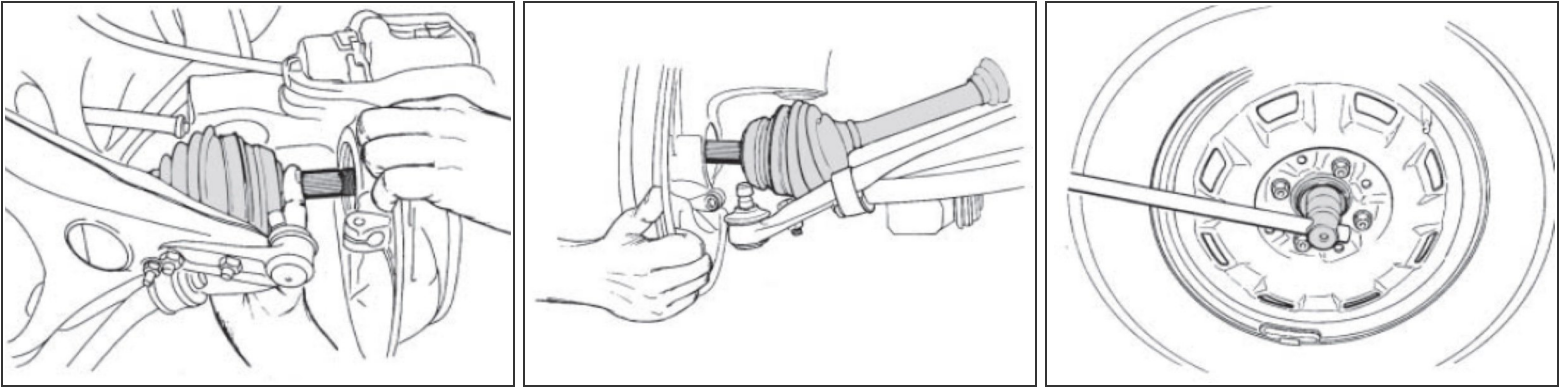
- Remove the clamps and move the hood away from the Fixed Joint;
- Using a CV Joint Extractor: Attach the adjustable part to the recess of the Half-shaft (where the boot clamp is positioned), place the Fixed Joint nut and tighten until the lock is released;
- Remove the Fixed Gasket and the Hood;
- Clean the half shaft to avoid grease contamination.

Step 3 — Fixed Joint Assembly



- Manually assemble the Hood;
- Apply grease to the joint, starting at the bottom (using the nozzle of the tube) and fill the entire cavity, moving the cage to facilitate the process;
- Position the spline of the Fixed Joint, on the spline of the Semi-shaft, use a polyurethane hammer and hit the end of the Joint, until the lock ring fits into the groove of the Joint; Check that the Joint is firm on the shaft, pulling on the body;
- Apply the remaining grease to the hood;
- Secure the larger clamp with the help of special pliers; Before securing the smaller clamp, use a round-tipped wrench between the boot and the shaft to allow some air to enter. Secure the smaller clamp, positioning it in the recess of the shaft.

Step 4 — Half-shaft Installation



- Place the end of the Fixed Joint on the Hub. Fit the axle sleeve onto the Pivot. Install the steering terminal;
- Tighten the Pivot and Tie Rod End nuts.
- Install the new axle 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. **Apply 230 Nm to the 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 are not trained or if you do not have the tools and equipment to perform the repair.
- Always wear proper safety glasses when performing any type of maintenance. Failure to wear safety glasses may 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 your workshop's work and operation is the correct disposal of products that will be replaced. Do your part and together we can 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.