



# Adjustable Ball Joint (Camber Kit) Installation

- This part should only be installed by a professional, with the required tools and experience. Improper installation can lead to personal injury, part failure, damage to the vehicle, etc.
- After installation is completed, it is highly recommended that the vehicle be aligned.

## Kit Contents:

- Front Lower Ball Joint, x2
- M12x1.25 40mm Flanged Bolt, x6
- M12x1.25 Flanged Nut, x6

## Vehicle Fitment:

- Honda Civic 2017-2021 Hatchback LX, EX, EX-L
- Note: Features a M12 Ball Joint Stud

- Raise the vehicle and remove the wheel.
  - Check for any loose/damaged suspension components, and repair/replace if needed.
- Remove the 3 Flange Nuts holding the original Ball-Joint to the Control Arm.
- Disconnect the Ball-Joint from the Control Arm.
- Remove Spindle Nut by first prying at the staked lip, then loosening with suitable socket.
  - Use new spindle nut during reassembly; tighten to specified torque then stake tab.
- Remove the Driveshaft from the Hub by pulling at the knuckle/strut assembly and using a soft face hammer to strike the hub or axle as needed.
  - Do not pull the driveshaft-end as the inner CV joint may come apart
  - Apply Honda Paste 08734-0001 (or suitable anti-seize) to the contact area of the CV joint and wheel bearing during reassembly.
- Remove the cotter-pin at the ball joint stud.
- Remove the castle nut at the ball joint stud.
- Remove the ball joint from the knuckle, using a ball joint separator (07MAC-SL00102 or similar).
- Install the adjustable ball joint, and all remaining parts in reverse order of removal.
  - Ensure the ball joint stud/taper, ball joint hole, and castle nut mating surfaces, are free of debris and oils or grease.
  - After roughly 100 road miles, check hardware making sure everything is securely fastened.

## Specialty Tools:

- 32mm or 36mm Socket
- Torque Wrench (200lb/ft capable)
- Ball Joint Separator

## Torque Specifications:

- M12 Ball Joint Hardware: 47lb/ft
- M14 Ball Joint Nut: 40~47lb/ft
- M22 (32mm) Spindle Nut: 133lb/ft
- M24 (36mm) Spindle Nut: 181lb/ft