MEVOTECH INSIDER
Service Tips and Best Practices

Correct Installation Orientation – 2008-2003 Honda & Acura Front Upper Ball Joint

Brand	Original Grade/Supreme	Product	Ball Joint	Date	June 2021
Part Number(s)	GK80199/MK80199				

To ensure proper part performance and prevent the possibility of premature failure, it is critical to press-in the below noted ball joint(s) in the correct orientation.

The identified part numbers are directional type ball joints; wherein they are designed to allow for an increased swing angle in a particular direction. Incorrect installation orientation of directional type ball joints may permit over travel of the ball stud in the improper direction, resulting in contact with the ball joint housing.

Part Number(s)
GK80199/MK80199

For a successful repair outcome, adhere to the following:
- Locate ball joint index mark. This may take the form of a hole, dimple, tab, notch or arrow. **See Figure 1**.
- Locate control arm index mark. This may take the form of a hole, dimple, tab, notch or arrow. **See Figure 2**.
- Do not contact ball joint backing plate during press-in.
- Ball joint index mark must align with control arm side index mark during installation. **See Figure 3**.



Figure 1. Ball joint index mark. In this example, the index mark is a hole.

WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.



Figure 2. Control arm index mark. In this example, the index mark is a hole.



Figure 3. Correct installation orientation is achieved when ball joint index mark aligns with control arm side index mark.

Always ensure to refer to the factory service manual for correct diagnostic procedures, component removal and installation methods and fastening torque values and procedures where applicable.

WE SUPPORT
ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.