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Service Tips and Best Practices

## Correct Installation Orientation – 2014-1991 Honda & Acura Front Upper Ball Joint

Brand	Original Grade/Supreme		Product	Ball Joint	Date	June 2021
Part Number(s)		GK90469/MK90469				

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)

GK90469/MK90469

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.

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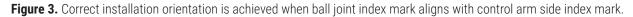


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Figure 2. Control arm index mark. In this example, the index mark is a hole.





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.

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