

## REAR HINGES

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Rear hinges are normally used on the rear doors of vehicles and must meet particular requirements in terms of strength, operation and appearance.

Rear hinges are normally supplied disassembled: HINGE, BASE, PIN and NUT.

### HINGE

Hinge components – base, pin and nut – are identified by individual part numbers and are also available as a kit under one part number. Rear hinges permit 270-degree rotation so the rear door can swing open until resting near the vehicle side. All rear hinges incorporate integrated nylon bushings to ensure smooth pin rotation, whereas the pin is integral with the raised edges of the base.

### BASE

There are different base designs available:

- flat base – secured to rear end only
- angle base – secured to rear and side ends
- welding base – for use on metal rear frames

### PIN AND NUT

The pin has a threaded end and a crowned head at the other end. A stop tab on the pin fits into a slot in the raised edge of the base to prevent pin rotation.

Do not overtighten the nut or you might damage the bushing collar. Correct operation is ensured when the raised edges of the base contact the hinge bushings.

### OTHER REAR HINGES

The family includes two-knuckle hinges that are supplied assembled. This design ensures limited protrusion over the rear end or a nearly flush mount.



Use standard care and caution and follow these warnings:

- The pin nut must be at the bottom end.
- Each door must be fitted with a number of hinges suitable for the load capacity of the vehicle.
- For installation, use screws of adequate size for the mounting holes and with suitable strength to withstand the load.
- Periodically ensure that fasteners are properly tightened.