

# Technical Bulletin

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## Mitsubishi Outer CV Joints ADC48905 & ADC48913

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MMC and NTN both manufacture front driveshafts for the same vehicle as a manufacturing option. Example vehicles include the Mitsubishi Colt C51/4G13, Mitsubishi Colt C52/4G15 and the Mitsubishi Lancer C62/4G15.

There is no way of identifying from a chassis number which manufacturer's driveshaft has been fitted to the car. These driveshafts are interchangeable in their entirety, but it is important to note that you cannot fit an MMC outer CV Joint to an NTN shaft or vice-versa.

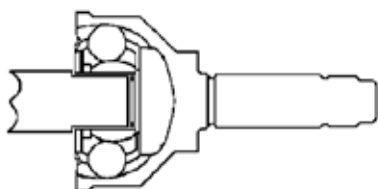
### IDENTIFICATION OF THE CORRECT DRIVESHAFT IS ESSENTIAL WHEN REPLACING THE OUTER CV JOINT

There are two ways to correctly identify the type of CV Joint you require:

The first aid to identification is from the markings on the inner CV Joint. The manufacturer's name is stamped on the inner CV Joint casing.

The second aid to identification is from the shape of the driveshaft through internal inspection of the outer CV Joint (see diagrams below).

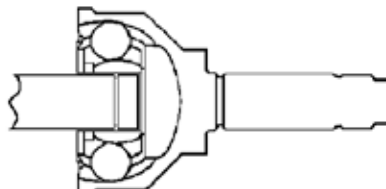
Cross section of an  
MMC Outer CV Joint



The MMC driveshaft has a 'lip' between the driveshaft and driveshaft splines. This prevents further slide movement of the driveshaft into the joint after locating of the retaining spring. The retaining spring is located at the end of the driveshaft to prevent outward slide movement of the driveshaft. This retaining spring must be replaced when fitting a replacement outer CV Joint.

An example of an MMC outer CV Joint is ADC48905

Cross section of an  
NTN Outer CV Joint



The NTN driveshaft does not have a lip but a straight shaft. Close to the innermost end of the internal splines of the outer CV Joint there is a machined groove to accept the retaining spring. This prevents further movement in or out of the driveshaft.

An example of an NTN outer CV Joint is ADC48913

A major benefit of the Blue Print CV Joint Kit is the comprehensive contents included with each CV Joint. For example: 1x CV Joint, 2x Steel Clips, 1x retaining nut, 1x 100gm correct specification grease, 1x retaining spring, 1x locking nut

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