

# CJ INSTALLATION

The Atlas can be used in Jeep CJs 1980 to 1986. These vehicles would normally be equipped with a Dana 300 transfer case. Whether you have your stock transmission or not, the Atlas will bolt directly to the transfer case adapter that previously supported the Dana 300. Since the Atlas is 1.8" longer than the Dana 300, driveshaft lengths should be considered. The vehicle that we used to install the Atlas was a 1983 CJ7 with a T5 transmission. It also had a 3" suspension lift.

## Shift Indicator Switch

On some CJs, Jeep used an indicator light for 4WD. The Atlas has provisions to use a late model 4WD indicator switch found in the stock "TJ" models, Jeep Part No. J8134473. On average, this part is priced around \$20.00. If you prefer not to use the indicator, use the plug included in your kit.

## Shifter Installation

The Atlas twin stick is designed as a universal application. We recommend **Part No. 303001R** for the correct shifter configuration. This shifter protrudes 5-1/2" from the face of the Atlas, but is easily shortened to other lengths. Both handles on the shifter are straight and fit in the vehicle side-by-side. As long as your CJ is not equipped with an aftermarket console, the shift handles should have adequate clearance.

## Rotation, Crossmember & Body Modifications

The stock rotation of the Dana 300 transfer case is 35 degrees. We recommend the Atlas be installed either at the stock rotation or a shallower than stock degree of rotation. The recommended 2 quarts of Torco oil should be used. The stock crossmember will most likely have to be spaced off the frame rails to allow for proper driveshaft angles. This will also aid in the clearance of the Atlas in reference to the Jeep body. If the rotation of the Atlas is shallower than stock, some body modifications may be necessary, or a body lift could be used. These modifications will vary depending on the length of the transmission that your CJ Jeep is equipped with.

Skid pan with spacers. Spacers can usually be eliminated with the shallow transfer case rotation and minimal transmission mount height.

Upper body modification for clearance when the Atlas is rotated shallower than stock.