



Land Rover Series Disc Brake adapter Kit

June 2018

1. General

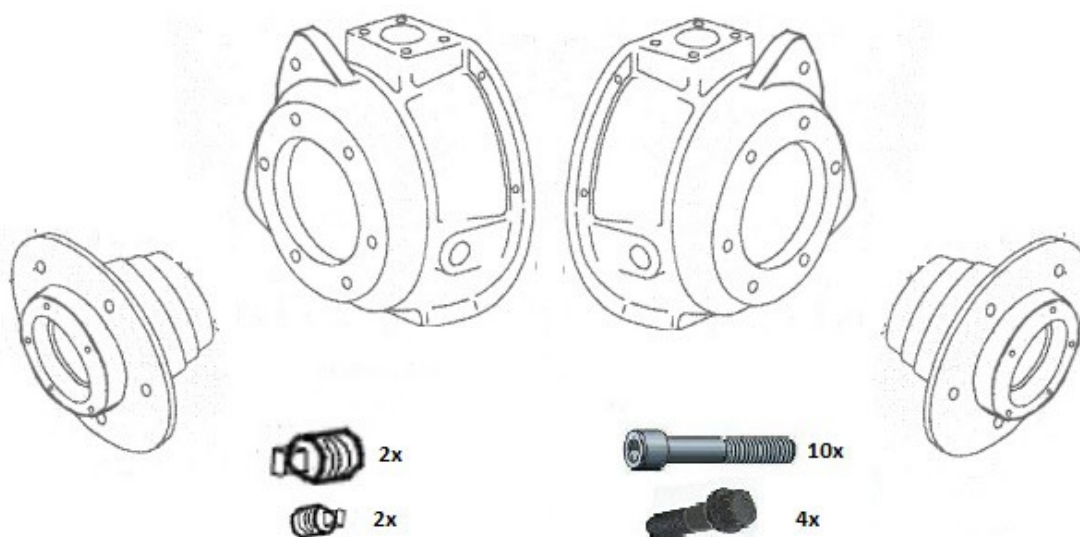
NOTE: As when installing any performance product, a degree of mechanical ability is required. If after reviewing the parts and instructions you don't feel that you can properly complete this installation, take your car to a competent professional. Proper installation and adjustment will save time, money and aggravation. We recommend using this manual, together with the applicable workshop manual for your car to help you with the installation.

CAUTION: INCORRECT INSTALLATION OF THIS DISC BRAKE SYSTEM COULD RESULT IN VEHICLE DAMAGE, SERIOUS INJURY OR DEATH!

Thank you for purchasing the Heystee-Automotive front disc brake adapter kit. Carefully installed, you'll really enjoy this brake system.

These fitting instructions describes the installation to the Land Rover Series front disc adapter kit.

2. Parts



In the boxes you find the following parts:

- Left Swivel
 - Right Swivel
 - 2x wheel hubs
 - 2x big filler plugs
 - 2x small drain plugs
 - 10x bolt for disc rotor
 - 4x caliper bolt
 - If you have chosen the wheel bearings option, you will find wheel bearings in the boxes.
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3. Additional Parts

Our kit is based on the Defender 110 Brake layout, and works with 16" inch standard Land Rover wheels.

We recommend the following additional parts to use with the adapter kit:

- FTC902 Defender 90/110 vented front brake rotors
 - STC1266, STC1267 Defender 110 front Calipers
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4. Installation

Before starting to Install the set, you need to know the following things.

If you have a series I or II the kingpin and steering arm bolts have a 3/8 BSF thread. On the Heystee-Automotive set you will need 7/16 BSF bolts to mount the kingpin and steering arm on the swivels. You will find those bolts in a series III Land Rover.

The size of the wheel studs are the late type metric m16x1,5 wheel studs.

We advice to use the early Defender 90/110 system layout (disc - drum setup see Defender workshop manual for more info) master cylinder (NRC9529 or NRC8690) and Series III pedalbox + brake servo (STC1816) or our 8 inch servo (020.001.00) assembly together with this disc brake kit.

This setup is found suitable for most applications.

To install the swivels we recommend to use the Land Rover series workshop manuals of your model.

To install the Defender parts we recommend to use the Land Rover Defender 90/110 workshop manuals.

Sometimes it is necessary to modify the calipers a bit, this depends on the casting. See picture.



When the kit is fully installed and tested for brake fluid leakage, etc., the vehicle must be checked for deceleration on a test rig with certificate for this purpose (used by the annual MOT testers). The deceleration must be within the legal limits before the vehicle is used on the road. After a 200 Km (+/-120 mile) run-in period for the pads and discs to bed-in correctly we recommend a second test on the test rig. To see everything is working as it should be.

