



Congratulations on your purchase of the MRN Brake Conversion kit, see below installation instructions for fitting. This installation requires some basic mechanical knowledge, please read these instructions completely prior to starting the job and if you are not confident, please seek professional advice/installation. It is always recommended to fit new brake pads when fitting new discs.

Tools required:

- Lifting equipment to raise the car
  - Socket set with assorted standard (metric) sizes
  - Philips head screwdriver
  - TORX bit set
- 1) Raise the car off the ground using correct equipment and make safe
  - 2) Remove front or rear wheels depending on which kit(s) you purchased
  - 3) Remove brake calliper
    - a. Remove M6 fastener securing brake hose to upright
    - b. Remove calliper securing bolts and discard
    - c. Suspend calliper so that it does not hang on the brake line, a long cable tie through the spring and calliper is typical
  - 4) Remove the disc by removing the 2x taper screws that secure it to the hub, discard screws
  - 5) Thoroughly clean the outward facing surface of the hub, use a wire brush or equivalent if required. This face must be free from any dirt or surface rust
  - 6) Lightly grease the hub face as cleaned in step #5 and fit one of the disc spacers using 2x stainless steel TORX screws provided, ensure the spacer is fitting up against the hub with no sign of any gap **(8mm thick spacers for front use, 5mm thick for rear)**
  - 7) **Rear only** - replace the screws that secure the disc backing plate with the low profile head screws provided
  - 8) Fit the new brake disc to the disc spacer using another 2x stainless steel TORX screws provided. If using drilled/vented discs ensure you fit them to the correct side of the car
  - 9) At this stage spin the disc to ensure it is running true in both radial and axial directions
  - 10) **Rear only** – skim 2mm off each of the pad retaining pins and pad surface
  - 11) Refit the brake caliper using the two M12 bolts provided and 2x large spacers bolt the caliper in place **(front spacers are black and rear spacers are silver)**
  - 12) Resecure the brake line
    - a. Front – use the small black spacer and longer bolt provided
    - b. Rear – Secure the stainless steel plate to the upright using the original bolt and use the new stainless steel fasteners to secure the brake hose to the bracket
  - 13) Check the disc turns a full revolution without and binding
  - 14) Refit the wheel
  - 15) Repeat all steps for the other side of the car

Follow the disc/pad manufactures guidelines on bedding in your new components, it is recommended to recheck tightness of fasteners after a short bedding in period

If you have any issues please don't hesitate to contact us via the website, we hope you enjoy your purchase and drive safely!