



Service Bulletin: 9

Revision: 1

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Brake Seal Service

Purpose: To solve the recent issue of the brake seal issue.

Reference: Razor Motor brakes on Razor Drive Units.

Product affected: All versions of the Razor Motor Brakes.

Symptom: Due to the recent supplier manufacturing fault, instead of using the double lip seal, the brake end body has been fitted with a single lip seal.

Procedure:

1. Firstly, lift the brake toggle and visually check the structure of the seal. **Fig 1** shows the correct seal that is fit onto the brake coil housing, which is a double lip seal. **Fig 2** shows the wrong seal that is fit onto the brake coil housing, which is a single lip seal.
2. Then, if you found the brake mechanism with single lip fitted, please replace with a correct brake rear housing

Note: Detailed replacement procedures refer **Fig 4** in the next page. The brake housing with a yellow mark on the bolt **Fig 3** means the brake mechanism is fixed by Razor.

FIG 1

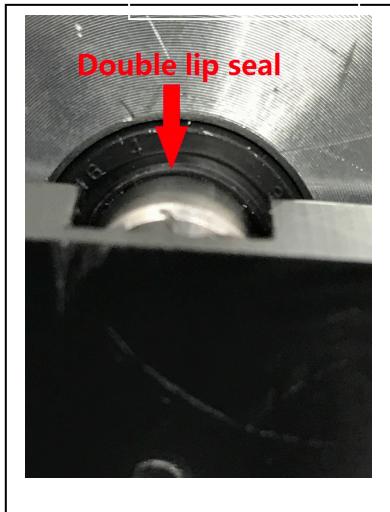


FIG 2

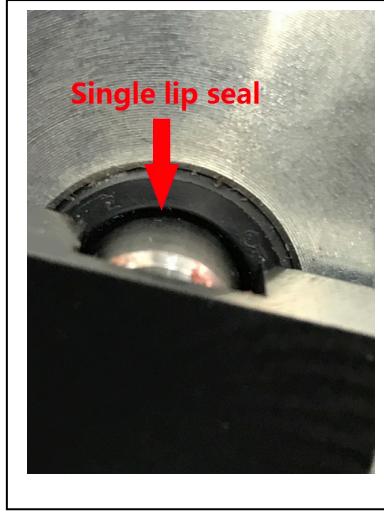


FIG 3



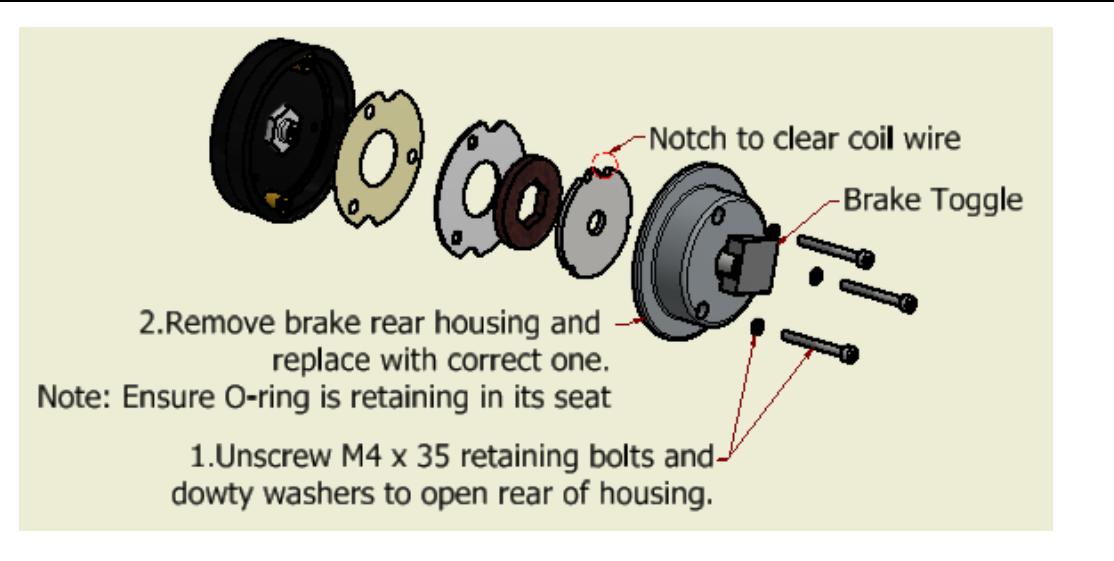


FIG 4

Note: The whole procedures need to be done in a dry weather environment.

Caution: The coil wire needs to be located inside the brake endcap (as per detail below) in case the wire is chaffed when installing.

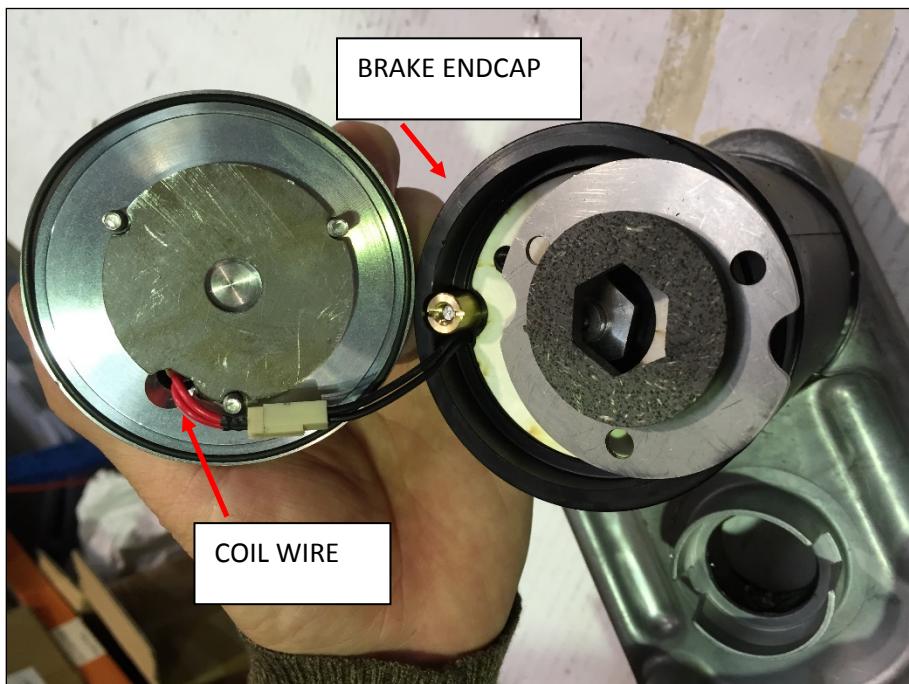


FIG 5