



# Service Bulletin: 9

## Revision: 1

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## Brake Seal Service

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**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.

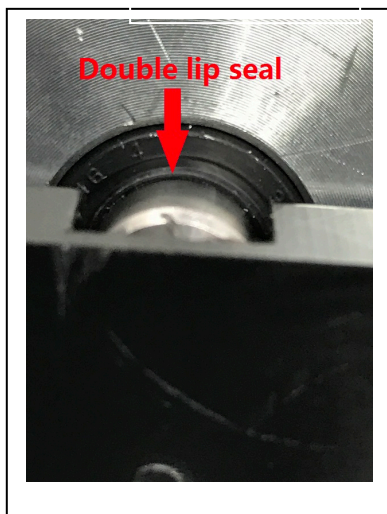
**Symptom:** Due to the recent supplier manufacturing fault, instead of using the double lip seal, the brake end body has been fitted with a single lip seal.

**Procedure:**

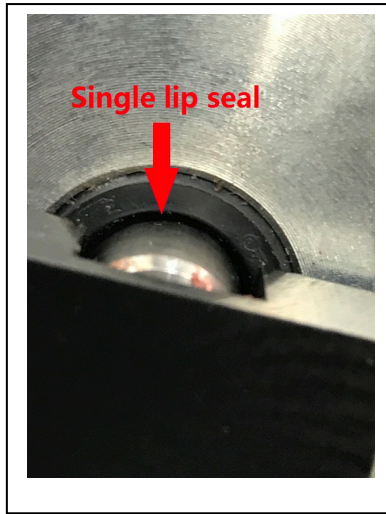
1. Firstly, lift the brake toggle and visually check the structure of the seal. **Fig 1** shows the correct seal that is fit onto the brake coil housing, which is a double lip seal. **Fig 2** shows the wrong seal that is fit onto the brake coil housing, which is a single lip seal.
2. Then, if you found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

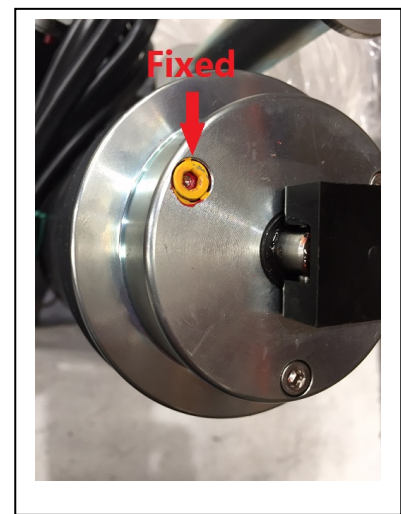
**FIG 1**



**FIG 2**



**FIG 3**



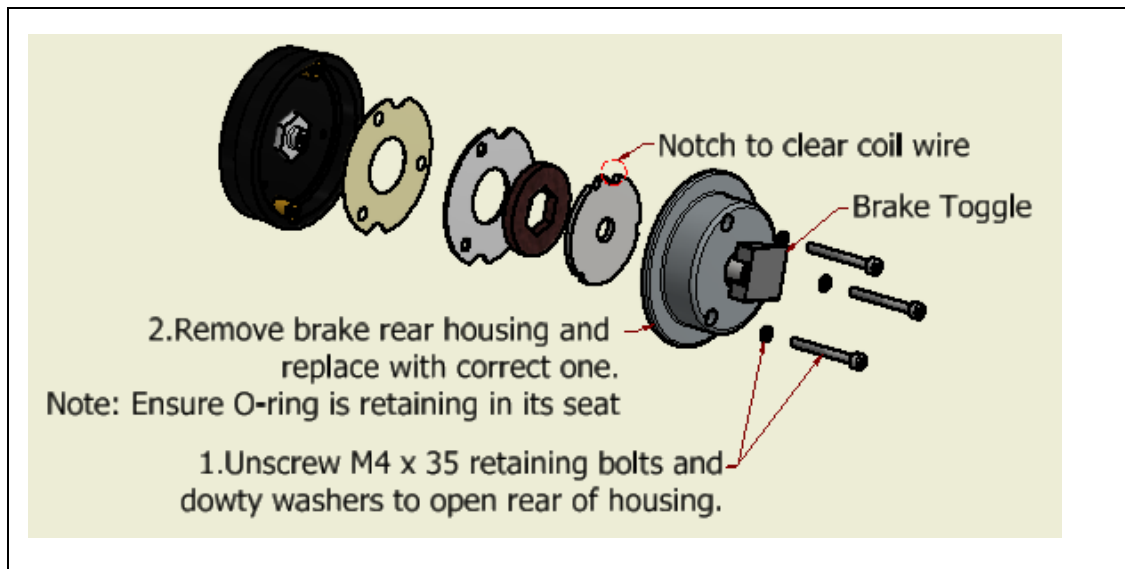


FIG 4

**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.

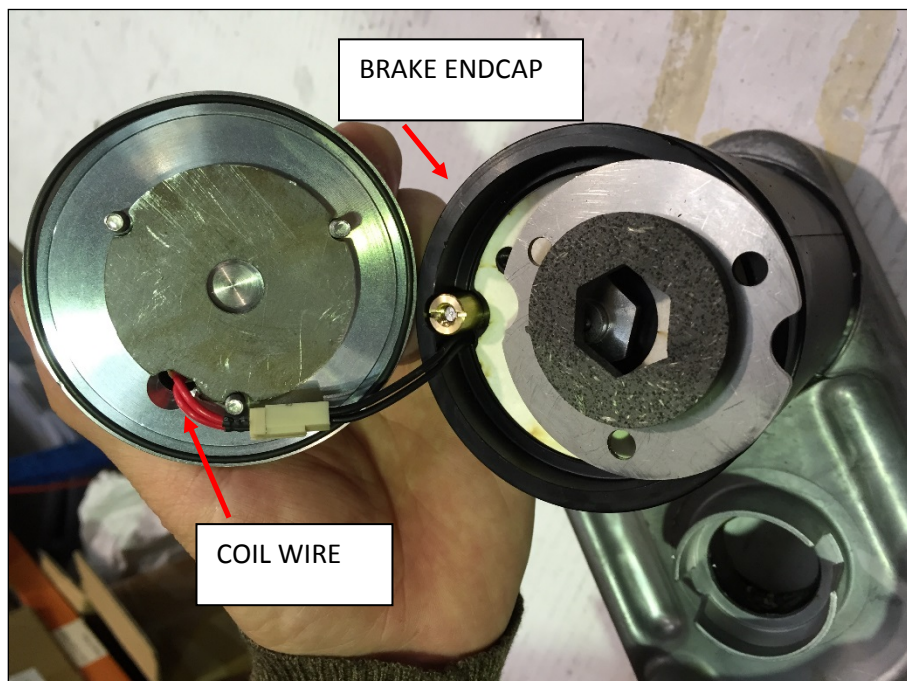


FIG 5