

# Tech Note 078

## Clutch Brakes for TTK Kits

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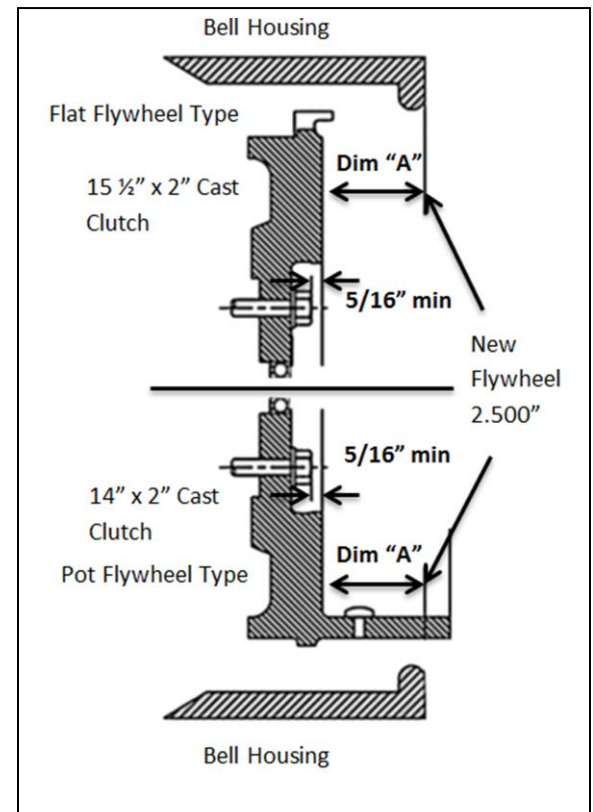
### When to Use an Oversized Clutch Brake

Every clutch replacement requires flywheel resurfacing. The use of ceramic friction materials requires more material be removed in the resurfacing process. This results in the clutch assembly being moved closer to the engine and away from the transmission. Pre-adjustment of the clutch to compensate for a larger "clutch envelope" results in diminished adjustment during the life of the clutch or can even cause malfunction within the clutch assembly.

After installing the resurfaced flywheel, determine dimension "A" as shown in the drawing to the right. Then select the corresponding clutch brake (Hinged or Torque Limiting) and/or washer from the charts below. Installing a thicker clutch brake will minimize the amount of clutch pre-adjustment and maximize the life of the clutch.

### Hinged Locking Clutch Brakes

The purpose of the clutch brake is to slow down or stop the transmission input shaft from rotating when the clutch pedal is depressed. Now you can replace worn or damaged clutch brakes without removing the transmission. They are easy to install and are secured with a bolt, a 5/32" Allen Key is included.



### Torque Limiting Clutch Brakes

Part No.	Description	Dim "A"
A239	1 3/4" (0.380" thick)	2.5" – 2.57"
M-1834	1 3/4" (0.500" thick)	2.66" – 2.725"
A240	2" (0.380" thick)	2.5" – 2.57"
M-1782	2" (0.450" thick)	2.57" – 2.66"
M-1783	2" (0.500" thick)	2.66" – 2.725"

### Hinged Clutch Brakes

Part No.	Description	Dim "A"
M-1918	1 3/4" (0.380" thick)	2.5" – 2.57"
M-1393	2" (0.380" thick)	2.5" – 2.57"
M-1882	2" (0.450" thick)	2.57" – 2.66"
M-1883	2" (0.500" thick)	2.66" – 2.725"
M-1917	2" (0.550" thick)	2.725" – 2.775"
M-1881	2" (0.380" thick)	2.5" – 2.57"

Installation Suggestion – Use a drop of Loctite® on the bottom of the thread

**Most TTK kits are supplied with a standard thickness clutch brake however there are instances where an oversized clutch brake will be required. These oversized clutch brakes are available for purchase separately but cannot be swapped with the brake in the clutch kit.**