

## Smart-Tech® 10-Clutch Drum Kit

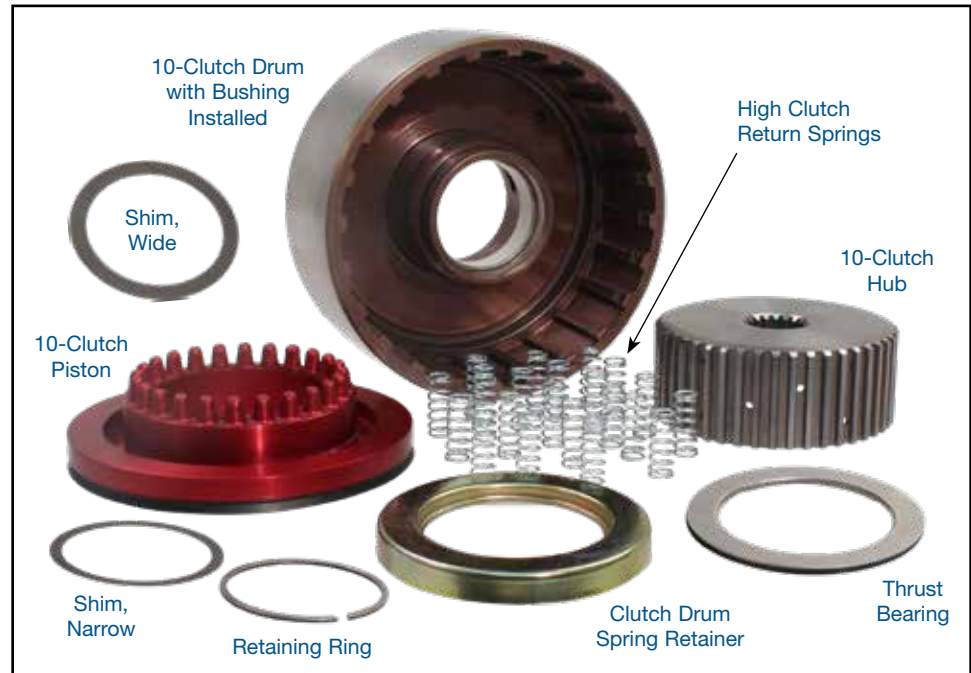
### Part No.

## 28756-25K

- Smart-Tech 10-Clutch Drum
- Smart-Tech 10-Clutch Piston
- 10-Clutch Hub
- Thrust Bearing
- Bushing PTFE Coated (Installed)
- High Clutch Return Springs (24)
- Clutch Drum Spring Retainer
- Retaining Ring Small
- Inner & Outer Lip Seals Not Shown
- Shim Wide
- Shim Narrow

Patent Nos. 6,920,970 & 7,204,357

## GM Powerglide®



To ensure maximum clutch plate engagement with the hub splines, Sonnax 10-clutch hubs are manufactured with a minimal chamfer at the indicated area. When using non-Sonnax flanges, you must check the clearance between the chamfer on the hub and the sun gear flange to ensure there is adequate clearance. If more clearance is needed, machine a greater chamfer on the hub as necessary.

### NOTES & CAUTIONS:

- If pump has been previously machined at thrust washer/bearing face to accept a bearing, and previously used a drum that is NOT machined, install Sonnax .046" thick wide pump shim between bearing and pump.
- If pump has not been machined at thrust washer/bearing face, install Sonnax drum and included bearing. Discard Sonnax .046" thick wide pump shim.
- Check clutch hub endplay. If excessive, install shim between small wear plate and drum to keep hub located closer to flange and ensure full clutch spline engagement with top of clutch hub. Some clutch hub endplay is required.
- A clutch stack up with 10 frictions requires the top friction to run against sun gear flange plate. When using non-Sonnax flanges, ensure the flange surface is smooth enough to run friction material directly on the flange surface (generally Ra 20 or better).
- If sun gear flange plate is NOT suitable for running friction material directly on flange surface, replace top friction with steel plate for a total of nine frictions and 11 steel plates.

