



## GM 6L80, 6L90 (300mm)

### Piston Plate

#### Part No.

**GM-DA-17P**



**NOTE:** To complete this assembly you will need a GM 6L80/6L90 (300mm) damper assembly and the following Sonnax parts.

#### Associated Parts

- **GM-DA-17P** Piston Plate
- **GM-RV-13** Rivets (6)
- **S20750WC** Friction Ring, Woven Carbon



### 1. Disassembly

- Remove and discard damper rivets from the old assembly being careful not to damage the spring damper retainer plates.

### 2. Assembly

- Rivet salvaged damper assembly to Sonnax piston plate **GM-DA-17P** using Sonnax **GM-RV-13** rivets (available separately).
- Rivet heads should sit on the damper plate side of the assembly.
- Rivet ends protruding from the piston should be peened. Be sure to clamp the damper assembly fully and completely against the piston plate.

### 3. Assembly Balancing



**NOTE:** Notice the balance notches or holes on the O.D. of factory piston. Material is removed to balance the assembly. Each assembly will have different notches or holes depending on how out-of-balance that particular assembly was before balancing.

- After riveting damper assembly to Sonnax piston its recommended that the assembly be balanced.



**NOTE:** Do not rely on converter balancing to balance piston damper assembly. The piston damper and the converter impeller and cover rotate independently and thus must be balanced independently. In other words, if an unbalanced piston damper were to be installed in a converter and then the converter is balanced, that converter will only be balanced if the piston locks up at the same position as it was during balancing.

- Balancing can be done on a converter balancer using a turbine hub as the centering tool on the balancer table. Material may be removed (like the factory) or material can be added (a weld bead may be enough to balance the assembly).