

## Manual Shift Shaft Kit

### Part No.

**38511-04K**

- Shaft Long Version
- Metric Flange Nuts (2)

**NOTE:** Fits '95-later units with external neutral safety switch.

### Also Available

#### Manual Shift Shaft Kit

**38511-01K** Short Version

**NOTE:** Fits '91-'94 units without external NSS. Does not fit units with external neutral safety switch.

#### Manual Shift Shaft Kit

**38511-03K** Short Version

**NOTE:** Adapts the 4L80-E late model ('95-later) manual shaft detent lever for use in an early model unit ('91-'94) with a short manual shift shaft. Does not fit units with external neutral safety switch.

## GM 4L80-E, 4L85-E



### GM 4L80-E Detent Levers Identification

Early Model '91-'94

Late Model '95-later



Has a notch on the side of the manual shift shaft hole.



Has a square hole located here.

**CAUTION:** Neutral safety switch damages easily, care should be taken during removal.

**NOTE:** It is recommended that the manual shift shaft seal be replaced when the manual shift shaft is replaced.

### 1. Disassembly

- Remove the OE manual linkage retaining nut and manual linkage. Discard the retaining nut and keep manual linkage for reuse.
- Remove the OE neutral safety switch carefully and save for reuse.

**NOTE:** If the OE neutral safety switch does not slide off the OE manual shift shaft, file the outer edge of the manual shift shaft to remove any burrs.

- Remove the OE retaining pin, manual shaft detent lever, retaining nut and manual shift shaft. Keep the manual shaft detent lever and retaining pin for reuse, while discarding the retaining nut and manual shift shaft.

### 2. Assembly

- Insert the Sonnax manual shift shaft into place and then install the OE manual shaft detent lever.
- Install one flange nut to retain the manual shaft detent lever.
- Reinstall the OE retaining pin.
- Reinstall the OE neutral safety switch, and adjust using OE repair manual procedures.
- Use the second flange nut to attach the manual linkage.