



# Technical Service Information

## THM 4L60 (700-R4)

### 3-2 COAST DOWN CLUNK (CORVETTE ONLY)

**COMPLAINT:** Some 1990 and 1991 Corvettes may experience a 3-2 coastdown clunk, and can be felt around 10-15 MPH while lightly braking to a stop. It is most noticeable in the D3 range, but can also occur in D4 range.

**CAUSE:** The cause may be, timing of the release of the 3-4 clutch and re-apply of the 2-4 band. A new conical 2-4 servo cushion assist spring has been released to alleviate this condition, along with enlarging the 3rd clutch exhaust hole in the spacer plate.

**CORRECTION:** (1) Install the new conical 2-4 servo cushion assist spring, OEM part number 8681195, inside of the current servo cushion spring with the small end towards the retainer, as shown in Figure 1.

(2) Enlarge the 3rd clutch exhaust hole in the spacer plate to .093", as shown in Figure 2.

#### SERVICE INFORMATION:

Conical 2-4 Servo Cushion Assist Spring..... 8681195

**NOTE:** Beginning May 20, 1991 (Julian Date 1401, all 1YHM models were built using the new servo cushion assist spring and spacer plate. Use the Figure below to determine if the modification is necessary in your transmission.

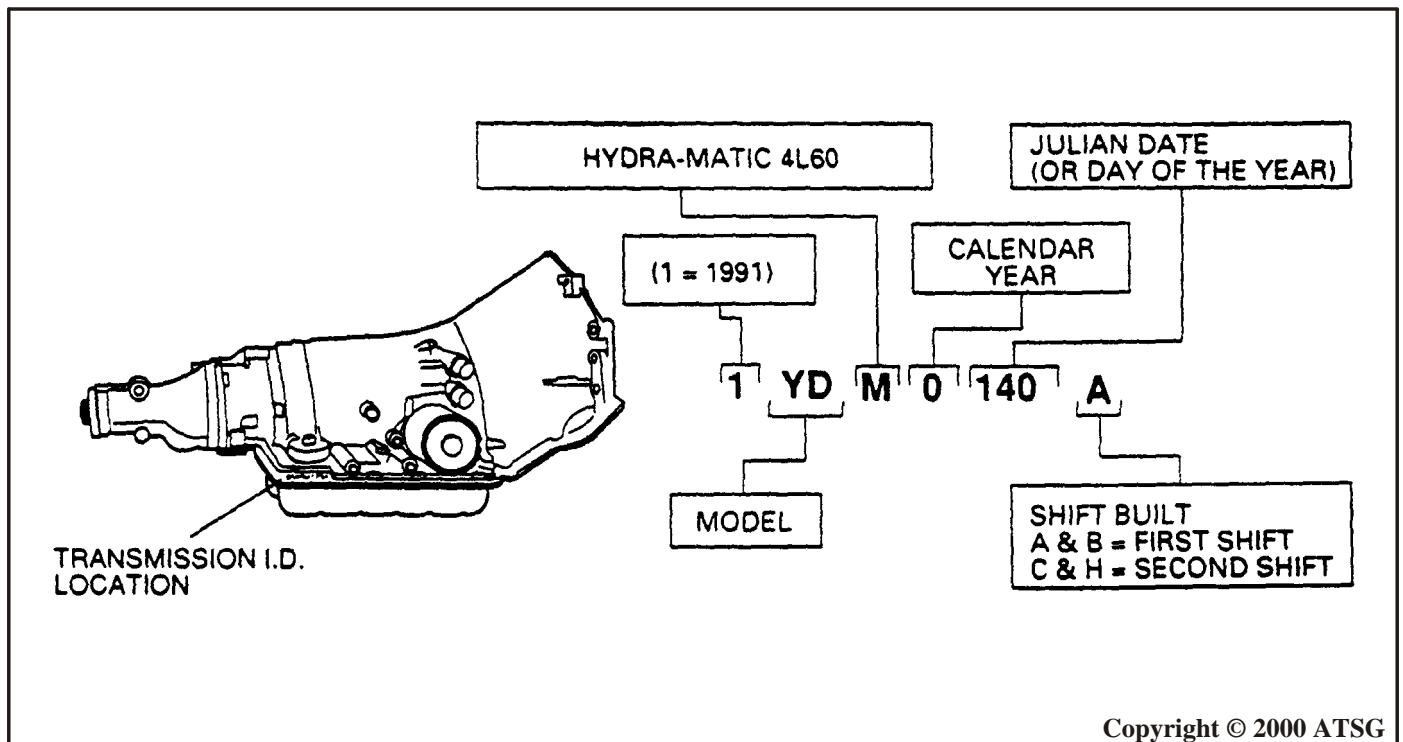


Figure 1

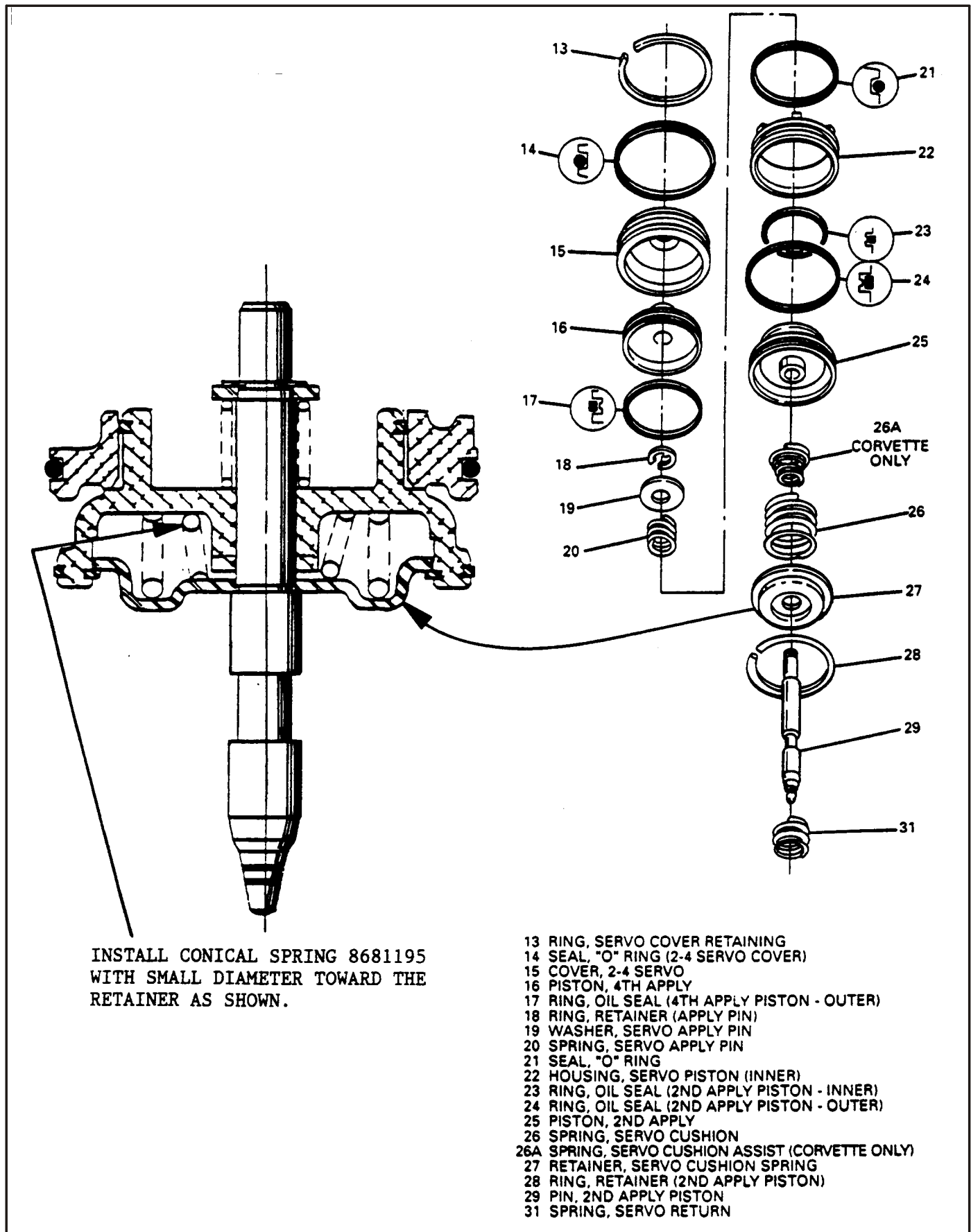


Figure 2

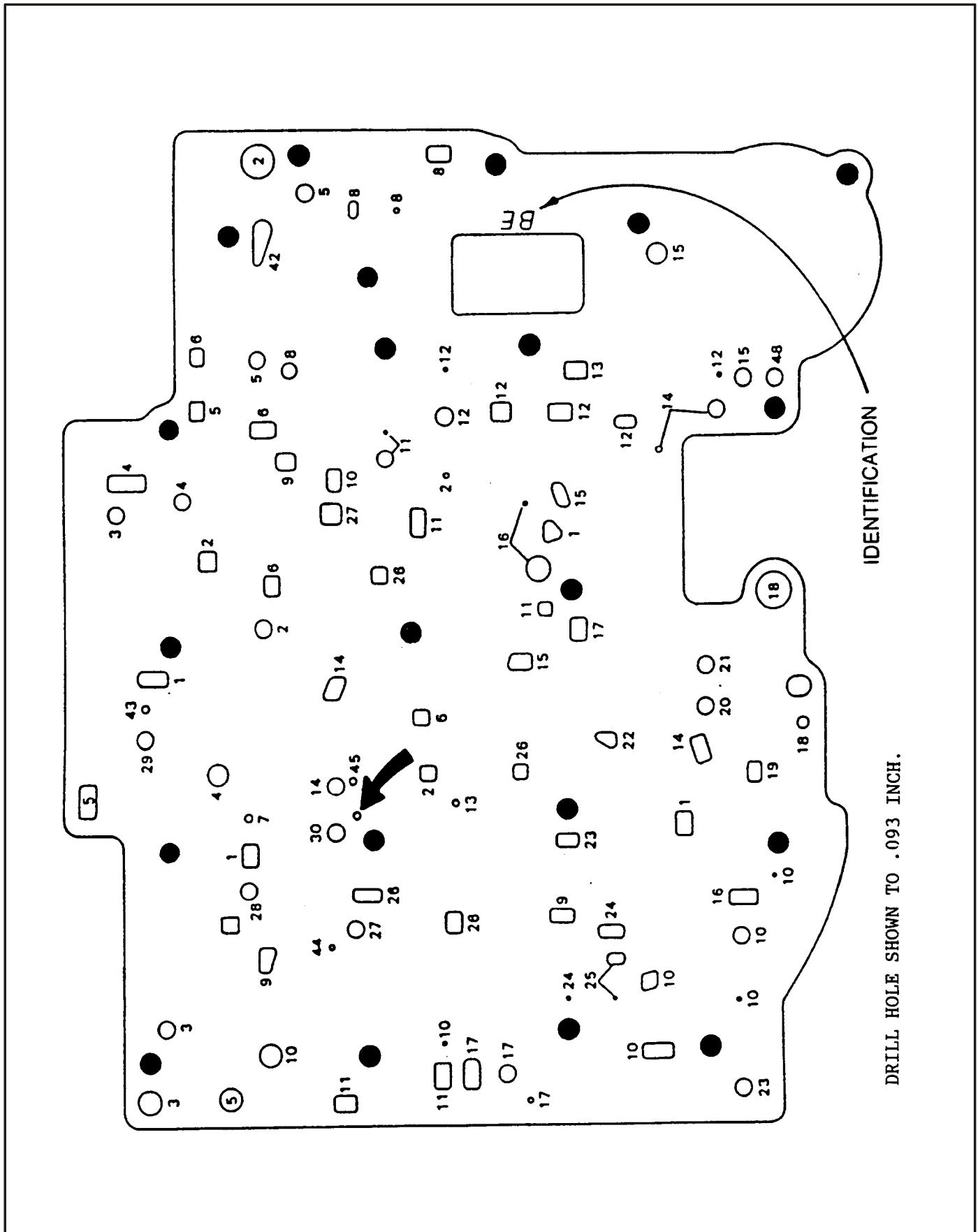


Figure 3