

# 1994 Corvette: Service Bulletin: Garage Shift Delay Engagement (New Garage Shift Package)

**Subject:** Garage Shift Delay Engagement (New Garage Shift Package)

**Model and Year:**

1994 BUICK ROADMASTER

1994 CADILLAC FLEETWOOD

1994 CHEVROLET CAMARO, CAPRICE AND CORVETTE

1994 PONTIAC FIREBIRD

1994 CHEVROLET AND GMC TRUCK C/K AND S/T TRUCK

1994 CHEVROLET AND GMC TRUCK M/L AND G VAN

1994 OLDSMOBILE BRAVADA WITH HYDRA-MATIC 4L60-E (RPO M30)

**Source:** Chevrolet Service Bulletin

**Bulletin Number:** 47-71-20A

REVISION: 09/12/94

THIS BULLETIN IS BEING REVISED TO CLARIFY REPAIR APPLICATION FOR GM OF CANADA DEALERS AND TO CORRECT P/N 24202365 TO P/N 24202368. PLEASE DISCARD BULLETIN 477120 (GROUP REFERENCE 7 - TRANSMISSION).

**CONDITION:**

SOME VEHICLES EQUIPPED WITH A HYDRA-MATIC 4L60-E TRANSMISSION BUILT BEFORE MARCH 7, 1994 (JULIAN DATE 066) MAY EXHIBIT A DELAY WHEN SHIFTING FROM PARK TO REVERSE AND/OR SHIFTING FROM PARK TO DRIVE.

**NOTE: \*\*FOR GM OF CANADA APPLICATION\*\* ALL CANADIAN DEALERS SHOULD USE THE REPAIR PROCEDURES OUTLINED IN THIS BULLETIN. A "S.R.T.A." (GOODWRENCH) TRANSMISSION ASSEMBLY SHOULD NOT BE USED FOR THIS REPAIR.**

**NOTE: U.S. -- GMC TRUCK DEALERS SHOULD NOT UTILIZE THIS**

**BULLETIN FOR IN-WARRANTY REPAIRS. IF THIS CONDITION IS EXPERIENCED, A GOODWRENCH TRANSMISSION SHOULD BE USED. REFER TO BULLETIN NO. 367106 AUTOMATIC TRANSMISSION SERVICE PROCEDURE, PUBLISHED DECEMBER, 1993 FOR IN-WARRANTY REPAIRS. OUT OF WARRANTY REPAIRS MAY UTILIZE THIS BULLETIN.**

**CAUSE:**

THE PARK TO DRIVE CONCERN IS CAUSED BY A DELAY IN THE FORWARD CLUTCH APPLICATION. THE PARK TO REVERSE CONCERN IS CAUSED BY A DELAY IN THE REVERSE INPUT CLUTCH APPLICATION. A DELAYED ENGAGEMENT IS WHEN SHIFTING FROM PARK TO DRIVE OR PARK TO REVERSE AND THE VEHICLE REQUIRES **\*\*MORE\*\*** THAN TWO (2) SECONDS TO ENGAGE REVERSE OR DRIVE.

**CORRECTION:**

TO CORRECT THE GARAGE SHIFT TIMING, INSTALL ONE OF THE FOLLOWING PACKAGES.

PACKAGE NUMBER TRANSMISSION MODEL -----  
24202270 4CAD, 4CBD, 4KAD, 4MJD, 4MDD, 4MND, 4MSD, 4SHD, 4TAD, 4TBD, 4TLD, 4TWD, 4CCD, 4CFD, 4CHD, 4CJD, 4CMD, 4CUD, 4KBD, 4KCD, 4KPD, 4CPD, 4HBD, 4BBD, 4BCD, 4BFD, 4BWD, 4FFD, 4YDD, 4AHD

24202269 4SAD, 4FDD

24202268 4HDD, 4HCD (HOLDENS ONLY)

**NOTE: THE TRANSMISSION SPACER PLATE MUST ALSO BE REPLACED WITH AN ENHANCED GARAGE SHIFT PACKAGE SPACER PLATE, CONSULT YOUR PARTS CATALOG FOR THE PROPER SPACER PLATE PART NUMBER.**

PARTS ARE EXPECTED TO BE AVAILABLE ON JULY 4, 1994.

WHEN PERFORMING ANY OTHER REPAIRS ON A 1994 VEHICLE EQUIPPED WITH A HYDRA-MATIC 4L60-E TRANSMISSION BUILT BEFORE MARCH 7, 1994 (JULIAN DATE 066), THE SPACER PLATE IDENTIFICATION MUST BE

CHECKED TO SEE IF THE TRANSMISSION HAS HAD A NEW GARAGE SHIFT PACKAGE INSTALLED TO BE SURE THE TRANSMISSION IS BEING SERVICED WITH THE PROPER PARTS. SEE THE FOLLOWING CHART FOR SPACER PLATE IDENTIFICATION.

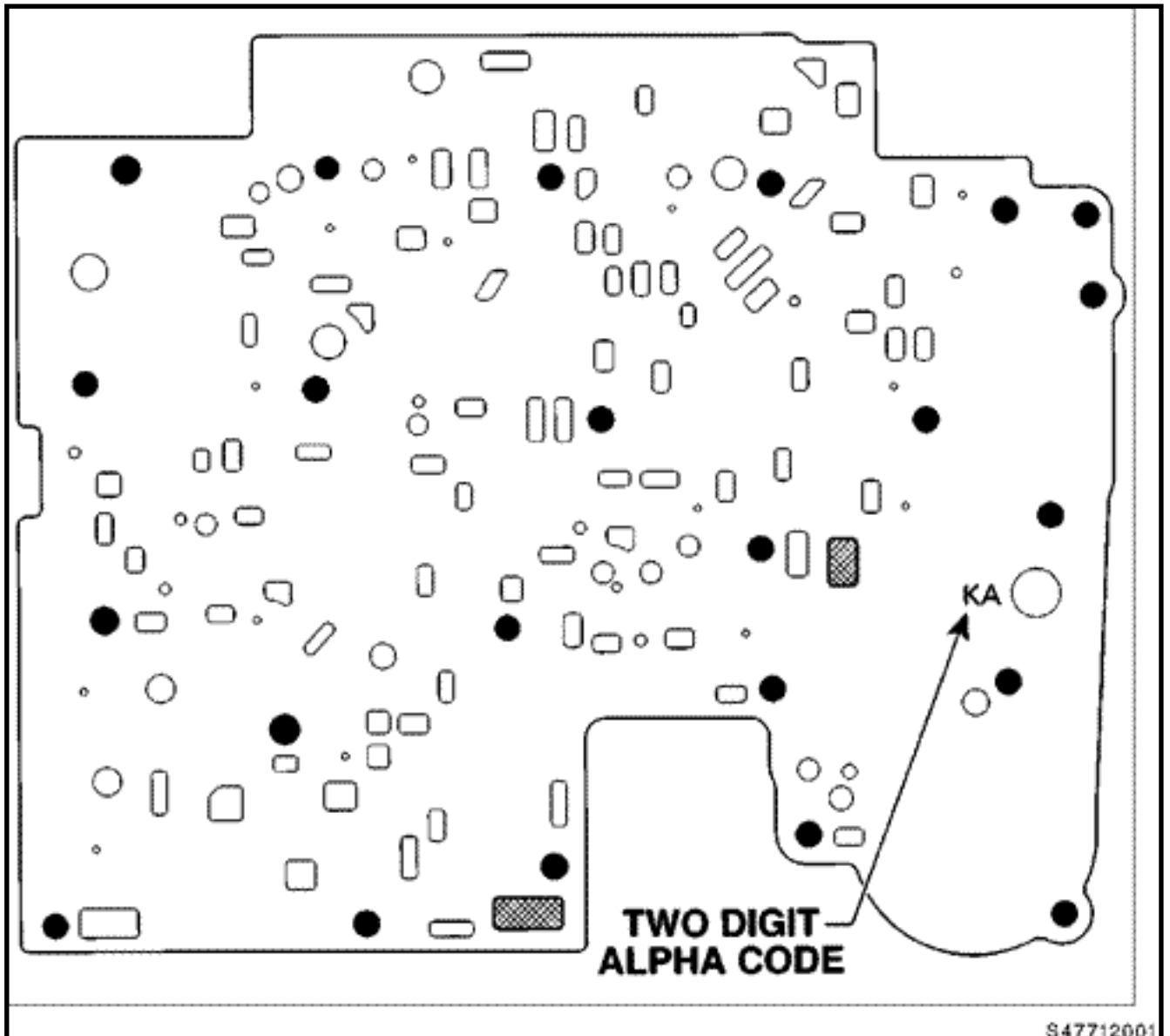
### **ORIGINAL GARAGE SHIFT PACKAGE**

PART SPACER PLATE NUMBER IDENTIFICATION TRANSMISSION MODELS  
-----  
8686040 KW 4SHD, 4TLD, 4MLD, 4CAD, 4CBD, 4KAD, 4MND, 4TWD  
8686041 KX 4MSD, 4TAD, 4TBD, 4MDD  
8686043 KZ 4CCD, 4CFD, 4KBD  
8686044 LA 4CHD, 4CJD, 4KCD, 4CPD  
8686045 LB 4CMD, 4CUD, 4KPD  
8686042 KY 4SAD  
8686038 KU 4HBD  
8686039 KV 4HDD  
8686011 KO 4BBD, 4BCD  
8686012 KP 4BWD, 4AHD  
8686013 KS 4FDD, 4SFD  
8686037 KT 4FFD, 4YDD  
24200361 LC 4BFD

### **ENHANCED GARAGE SHIFT PACKAGE**

PART SPACER PLATE NUMBER IDENTIFICATION TRANSMISSION MODELS  
-----  
24202371 KA 4SHD, 4TLD, 4MJD, 4CAD, 4CBD, 4KAD, 4MND, 4TWD  
24202372 KB 4MSD, 4TAD, 4TBD, 4MDD  
24201478 LM 4CCD, 4CFD, 4KBD  
24201479 LN 4CHD, 4CJD, 4KCD, 4CPD  
24201480 LO 4CMD, 4CUD, 4KPD  
24201477 LL 4SAD  
24201475 LJ 4HBD  
24201476 LK 4HDD, 4HCD  
24202366 KK 4BBD  
24202368 KL 4BWD  
24201473 LG 4FDD, 4SFD  
24201474 LH 4FFD, 4YDD  
24202370 LP 4BFD  
24202367 LT 4BCD  
24202369 LS 4AHD

THE NEW SPACER PLATES MUST BE USED WITH THE ENHANCED GARAGE SHIFT PACKAGE AND THE ORIGINAL SPACER PLATES MUST BE USED WITH THE ORIGINAL GARAGE SHIFT PACKAGE. THE SPACER PLATES AND GARAGE SHIFT PACKAGES ARE CALIBRATION SENSITIVE; MIXING SPACER PLATES AND GARAGE SHIFT PACKAGES MAY CAUSE PREMATURE FAILURE. WHEN A GARAGE SHIFT PACKAGE IS CHANGED, THE SPACER PLATE MUST ALSO BE CHANGED.



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