

# 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 -----  
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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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