

ENGINEERING MEMO #240

TO: Memo Distribution

FROM: B. Lewis

SUBJECT: DUAL RANGE AUTOMATIC TRANSMISSION REVISION REQUIRED
FOR 1969 ENGINES

Due to the increased horsepower and torque of the 1969 engines, the following revisions to the present line up of Dual Range Automatic Transmission will be made.

- A. D/R Auto.Trans. #701041 will be cancelled and:
1. A new part 703454 will be released for use with all 250 C.I.D. 6-cyl. engines.
 2. Any remaining stock of 701041 at our plant or at Warner Gear must be used without obsolescence as follows:
 - a. Use 701041 without modification on 250 C.I.D. 6-cyl. B-12, B-12E and B-12W models only.
 - b. Rework to 703454 and use on 250 C.I.D. 6-cyl. B-11 and B-11E models.
- NOTE: 701041 Transmissions reworked (Governor Change) by Checker to 703454 Specification must have the letter "S" stamped on transmission name plate near serial number.

B. D/R Auto.Trans. #701425 (cancelled per original Memo #240) will be reinstated for use with 327 C.I.D. 1969 engine.

- C. D/R Transmission #701353 (Aerobus) will be cancelled and:
1. A new part 703448 will be released for use with 1969 350 C.I.D. Aerobus engine and 1969 350 C.I.D. Hi-Perf. Pass. engine.
 2. Any surplus stock on hand or committed for at Warner Gear can be used on 327 C.I.D. 1969 engines provided that 701179 16T Speedometer Driven Gear is used in place of 701182 17T to compensate for difference in transmission speedometer drive gears.

(A)

3. The new 703448 Transmission when used on B-11, B-12 350 Hi-Performance Models will require use of 701179 16 T Speedometer Gear in place of 701182 17 T normally used with the 3.31 Rear Axle ratio; a new 3.31 Rear Axle B/M Grp. Number will be issued to cover this requirement for Hi-Perf. Engine only.

D. Following is a complete list of Parts to be affected:

ENGINEERING MEMO #240 (Cont'd.)

I M	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS	
1.	Trans.A.-D/R Auto.	B	701041	703454	NO	YES	Use W/O Obsoles.	
2.	Trans.A.-D/R Auto.	B	701425	-----	YES	YES	Revise Usage	
3.	Trans.A.-D/R Auto. H.D.	B	701353	703448	NO	YES	Use Surplus on 327 1969 Engines	
A	4.	Gear-Speedo.Driven 16T	B	701179	-----	NO	YES	Increase Usage
A	5.	Gear-Speedo.Driven 3.31	B	701182	-----	NO	YES	Reduce Usage
A	6.	Gear-Speed.& Taxi Driven-18T	B	701297	-----	NO	YES	Reduce Usage

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10-7-68

Due to the increased horsepower and torque of the 1969 engines, the following revisions to the present line-up of Dual Range Automatic Transmission will be made.

- A. D/R Auto.Trans. #701041 will be cancelled and:
 - 1. A new part #703446 will be released for use with 250 C.I.D. 6-cyl. and 327 C.I.D. V-8 engines.
 - 2. Any remaining stock of 701041 at our plant or at Warner Gear must be used without obsolescence as follows:
 - a. Use 701041 without modification on 250 C.I.D. 6-cyl. B-12, B-12E, and B-12W models only.
 - b. Rework to 703454 and use on 250 C.I.D. 6-cyl. B-11 and B-11E models only.

(A)

(B)

Note: 701041 Transmissions reworked (Governor Change) by Checker to 703454 Specification must have the letter "S" stamped on transmission name plate near serial number.

- B. D/R Transmission #701425 (Hi-Perf.) will be cancelled and:
 - 1. A new part #703447 will be released for use with 350 C.I.D. Hi-Perf. V-8 Pass. Car engine.
 - 2. Any remaining stock on hand or committed for at Warner Gear can be used on 327 C.I.D. 1969 engines.
- C. D/R Transmission #701353 (Aerobus) will be cancelled and:
 - 1. A new part #703448 will be released for use with 350 C.I.D. Aerobus engine.
 - 2. Any remaining stock on hand or committed for at Warner Gear can be used on 327 C.I.D. 1969 engines provided that #701179 16T Speedometer Driven Gear is used in place of #701182 17T to compensate for difference in transmission speedometer drive gears.

D. List of Parts to be Affected:

September 30, 1968

ENGINEERING MEMO #240 (Cont'd.)

M	NAME	B OF M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
1.	Trans.A.-D/R Automatic	B	701041	703446	NO	YES	Use W/O Obsoles.
2.	Trans.A.-D/R Auto.(Modif.)	B	-----	703454	NO	YES	Temp.only for 6-Cyl.Taxi
3.	Trans.A.-D/R Auto.(Hi P.)	B	701425	703447	NO	YES	Use on 327 1969 Engines
4.	Trans.A.-D/R Auto.(Aero.)	B	701353	703448	NO	YES	Use on 327 1969 Engines
5.	Gear-Speedo.Driven-16T	B	701179	-----	NO	YES	Temp.Usage Increase
6.	Gear-Speedo.Driven 3.31	B	701182	-----	NO	YES	Temp.Reduce Usage

*Review
11-7-68*