

ENGINEERING MEMO #301

TO: Memo Distribution
FROM: R. E. Orwig
SUBJECT: SHOCK ABSORBER INSTALLATION IMPROVEMENT

Due to recent field complaints of premature failure of shock absorber mounting studs and insulators, the Engineering Department, with the cooperation of the shock absorber supplier, has developed a new shock absorber mounting installation that is common to all models.

The shock absorbers themselves will not be different, only the studs. It is necessary to lengthen the studs in some cases to accommodate the new improved insulators and retainers. Due to this stud length change, all of the shock absorbers will have new part numbers (both vendor and Checker). Service should replace "worn out" shocks in pairs only with the new shocks, insulators and retainers.

All stock on hand will be used without obsolescence, but a special inner retainer--part number 706090 (Monroe #45218)--must be used with the new insulators at the upper mounting, and part number 706092 (Monroe #45290) inner retainer must be used on the lower mounting studs. The purchase of these special retainers should be balanced to the total number of present shocks on hand. This "interim change" must be watched carefully on the production line. Field changes to the new insulators will also require these special retainers.

In addition, the washer (part number 94206) that is presently welded to the rear upper shock mounting bracket is being cancelled effective with the new shock absorbers. The present outer washers and nuts (#94408 and #442828) will not change and be used in their usual manner.

Following is a list of the parts affected by this change:

ENGINEERING MEMO #301 (Cont'd.)

ITEM	NAME	B O F M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
1.	Shock Absorber Asm.-Frt.	B	703795	703941	YES	NO	Use W/O Obsoles.
2.	Shock Absorber Asm.-Rear	B	703797	703942	YES	NO	Use W/O Obsoles.
3.	Shock Abs.As.-Frt.(H.D.)	B	703796	703943	YES	NO	Use W/O Obsoles.
4.	Shock Abs.As.-Rr.(H.D.)	B	703798	703944	YES	NO	Use W/O Obsoles.
5.	Shock Abs.As.-Frt.Aero.	B	701965	703945	YES	NO	Use W/O Obsoles.
6.	Shock Abs.As.-Rr.Aero.	B	701967	703946	YES	NO	Use W/O Obsoles.
7.	Insulator-Shock Absorber	B	704142	706089	NO	NO	Return to Vendor For Credit
8.	Retainer-Shock Abs.Inner	B	Monroe 45217	706090	NO	NO	Return to Vendor For Credit
Ⓐ 9.	Washer-Shock Abs.Mtg. Brkt.Spacer	B	94206	-----	-	NO	Serv.or Scrap
Ⓑ 10.	Bracket Asm.-Shock Abs. Mounting	M	93865 93866	94201 94202-	-	NO	Serv.or Scrap
11.	Crossmember Asm.-Frame Rear Kick Up	M	93860	-----	-	NO	Revised Per Chg#E
Ⓐ 12.	Retainer-Shock Abs. Inner	B	Monroe 45217	706092	-	NO	Return to Vendor For Credit
Ⓑ 13.	Insulator-Shock Abs.	B	706089	-----	-	-	Revise Usage

May 10, 1971

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