

November 25, 1970
 Chassis # Added 4-12-71
 Rev.Pg.(6) 5-27-71

ENGINEERING MEMO #283

TO: Memo Distribution
 FROM: B. Lewis
 SUBJECT: "STANDARD TRANSMISSION" AEROBUS - DISCONTINUE

At the request of management, the above option will be discontinued with a minimum of obsolescence when present on hand and committed for quantity of 703054 Transmission is exhausted.

List of Parts to be Affected.

ITEM	NAME	B O R M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
1.	Bolt-Clutch Spring Adj.	B	70196	-----	--	YES	Reduce Usage
2.	Hook-Clutch Spring	B	70636	-----	-	YES	Serv.or Scrap
3.	Spr.-Cl.Ped.-Over Center	B	70637	-----	-	YES	Serv.or Scrap
4.	Ball-Cl.Throwout B/Cr.Pivot	B	80125	-----	-	YES	Serv.or Scrap
5.	Pin-Cl.Ped.Over Ctr.-Ret.	B	80321	-----	-	YES	Serv.or Scrap
6.	Lvr.-Cl.Ped.Operating Rod	M	92412	-----	-	YES	Serv.or Scrap
7.	Seal-Dust Cover	B	92759	-----	-	YES	Serv.or Scrap
8.	Lvr.Asm.-Clutch Ped.Ret.Spr.	M	93969	-----	-	YES	Serv.or Scrap
9.	Pad-Pedal	M	94428	-----	--	YES	Revise Usage
10.	Shaft-Brake Pedal	B	94430	-----	-	YES	Revise Usage
11.	Cover-Pedal Pad	B	94431	-----	-	YES	Revise Usage
12.	Hub-Clutch Pedal	M	94433	-----	-	YES	Rework to 94426 or Serv.or Scrap
13.	Lvr.-Cl.Overtravel Hook	M	94434	-----	-	YES	Serv.or Scrap
14.	Shaft-Cl.& Brake Pedal	B	94435	-----	-	YES	Rework to 94430 or Serv or Scrap
15.	Swivel-Trans.Shifter Rod	B	94558	-----	-	YES	Revise Usage

This memo effective at Chassis #11882 (last Aerobus with Std.Trans.is #11881)

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ITEM	NAME	B OF M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
16.	Clamp-Trans.Shftr.Rod Swivel	B	94559	-----	-	YES	Revise Usage
17.	Cap-Cl.Ped.Stop Screw	B	94771	-----	-	YES	Serv.or Scrap
18.	Bushing-Bellcrank Lvr.	B	94922	-----	-	YES	Serv.or Scrap
19.	Weld Pin-Trans.Shifter Rod	B	94928	-----	-	YES	Revise Usage
20.	Lvr.-Trans.Sh.-2nd & High	M	94946	-----	-	YES	Serv.or Scrap
21.	Bushing-Trans.Shift Lvr.	B	94949	-----	-	YES	Serv.or Scrap
22.	Plug-1" Expansion Type"A"	B	103894	-----	-	YES	Serv.or Scrap
23.	Clevis Pin-3/8 Std.	B	114785	-----	-	YES	Reduce Usage
24.	Lockwasher-5/16 Med.Spr.	B	120214	-----	-	YES	Reduce Usage
25.	Nut - 5/16-24 Hex.	B	120368	-----	-	YES	Reduce Usage
26.	Nut - 1/2-20 Hex.	B	120371	-----	-	YES	Reduce Usage
27.	Lockwasher-1/2 Med.Spring	B	120384	-----	-	YES	Reduce Usage
28.	Washer-13/32 IDx 13/16 OD Pl.	B	120394	-----	-	YES	Reduce Usage
29.	Washer-15/32 IDx 59/64 OD Pl.	B	120395	-----	-	YES	Reduce Usage
30.	Bolt - 1/2-13 x 1-1/4 Hex.Hd.	B	120426	-----	-	YES	Serv.or Scrap
31.	Cotter Pin-3/32 x 3/4	B	121222	-----	-	YES	Reduce Usage
32.	Nut - 5/16-18 Hex.Jam	B	124824	-----	-	YES	Reduce Usage
33.	Nut - 3/8-24 Hex.Jam	B	124925	-----	-	YES	Reduce Usage
34.	Screw - 5/16-18 x 1-3/4 Rd. Hd.Slott.Mach.	B	133115	-----	-	YES	Serv.or Scrap
35.	Lockwasher-7/16 Ext.Tooth	B	136857	-----	-	YES	Reduce Usage
36.	Set Screw - 1/4-28 x 3/8 Hex.Sock.Cup Pt.	B	139011	-----	-	YES	Serv.or Scrap
37.	Clevis-3/8 Adj.Light	B	144254	-----	-	YES	Serv.or Scrap
38.	Bolt - 3/8-16 x 1-1/4 Hex. Hd. GM 280M	B	180124	-----	-	YES	Reduce Usage

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ITEM	NAME	B OR M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
39.	Bolt - 3/8-16 x 1-3/4 Hex. Hd. GM 280M	B	180128	-----	-	YES	Reduce Usage
40.	Bolt - 3/8-16 x 2-1/2 Hex. Hd. GM 280M	B	180134	-----	-	YES	Reduce Usage
41.	Bolt - 7/16-14 x 7/8 Hex.Hd. GM 280M	B	180144	-----	-	YES	Reduce Usage
42.	Bolt - 1/2-13 x 1 Hex.Hd. GM 280M	B	180173	-----	-	YES	Reduce Usage
43.	Bolt - 1/2-20 x 2 Hex.Hd. GM 280M	B	181705	-----	-	YES	Reduce Usage
44.	Bolt - 7/16-20 x 4-1/2 Hex. Hd. GM 280M	B	187612	-----	-	YES	Reduce Usage
45.	Nut - 7/16-20 Hex.Lock Type "HL"	B	272684	-----	-	YES	Reduce Usage
46.	Screw - 5/16-18 x 5/8 Hex.Hd. Type D,F,G, or T Tapp.	B	448665	-----	-	YES	Reduce Usage
47.	Washer-Wave	B	626356	-----	-	YES	Reduce Usage
48.	Bellcrank Asm.-Cl.T/out Comp.	M	701113	-----	-	YES	Serv.or Scrap
49.	B/Cr.Asm.-Cl.Throwout Welded	M	701114	-----	-	YES	Serv.or Scrap
50.	Rod Asm.-Cl.Yoke to B/Cr. Chev. V/8	M	701117	-----	-	YES	Serv.or Scrap
51.	Propeller Shaft Asm.-Comp. 189 WB	B	701275	-----	-	YES	Serv.or Scrap
52.	Rod Asm.-2nd & High Gearshift	M	701309	-----	-	YES	Serv.or Scrap
53.	Mtg.Asm.-Rear Engine	B	701369	-----	-	YES	Reduce Usage
54.	Axle Asm.-Rear 4.10:1 Std.	B	701438	-----	-	YES	Serv.or Scrap
55.	Axle Asm.-Rear 4.10:1 F-Lok	B	701439	-----	-	YES	Serv.or Scrap
56.	Gear Asm.-Speedo Driven 17T	B	701449	-----	-	YES	Serv.or Scrap
57.	Bearing Asm.-Cl.Release	B	701558	-----	-	YES	Serv.or Scrap

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ITEM	NAME	B OF M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
58.	Pedal-Asm.-Clutch(Welded)	M	701590	-----	-	YES	Serv.or Scrap
59.	Pedal Asm.-Cl.(Complete)	M	701591	-----	-	YES	Serv.or Scrap
60.	Supt.Asm.-Eng.Mtg.-Rear	M	701842	-----	-	YES	Reduce Usage
61.	Motor Asm.-Starting Std.Tr.	B	701950	-----	-	YES	Serv.or Scrap
62.	Spacer-Eng.Mtg.Rr.Supt.	B	702061	-----	-	YES	Reduce Usage
63.	Clamp-Eng.Mtg.Rear	M	702062	-----	-	YES	Reduce Usage
64.	Washer-Cl.Throwout B/Cr.	M	702064	-----	-	YES	Serv.or Scrap
65.	Bushing-Cl.Throwout B/Cr.	B	702065	-----	-	YES	Serv.or Scrap
66.	Tube-Cl.Throwout B/Cr.	M	702066	-----	-	YES	Serv.or Scrap
67.	Spring-Cl.T/out B/Cr.Bush.	B	702067	-----	-	YES	Serv or Scrap
68.	Lvr.-Cl.T/out B/Cr.-Upr.	M	702068	-----	-	YES	Serv.or Scrap
69.	Lvr.-Cl.T/out B/Cr.-Lwr.	M	702069	-----	-	YES	Serv.or Scrap
70.	Spacer-Cl.T/out B/Cr.Bush.	B	702070	-----	-	YES	Serv.or Scrap
71.	Rod-Cl.Pedal to B/Cr.	M	702072	-----	-	YES	Serv.or Scrap
72.	Rod-Cl.Yoke to B/Cr.Chev. V/B	M	702074	-----	-	YES	Serv.or Scrap
73.	Spring-Cl.Yoke Return	B	702075	-----	-	YES	Serv.or Scrap
74.	Swivel-Clutch Yoke End	M	702076	-----	-	YES	Serv.or Scrap
75.	Washer-23/32 ID x 63/64 OD x .040 Thk.	B	702077	-----	-	YES	Serv.or Scrap
76.	Lever-Clutch Pedal Stop	M	702377	-----	-	YES	Serv.or Scrap
77.	Rod-2nd & High Gearshift	M	702435	-----	-	YES	Serv.or Scrap
78.	Spacer-Rear Eng.Mtg.	M	702542	-----	-	YES	Reduce Usage
79.	Washer-Felt Cl.B/Cr.	B	702680	-----	-	YES	Serv.or Scrap
80.	Shank-Pedal	M	702777	-----	-	YES	Serv.or Scrap
81.	Bushing-Pedal	B	702808	-----	-	YES	Reduce Usage

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ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
82.	Trans.Asm.-Std.Aerobus	B	703054	-----	-	YES	Serv.or Scrap
83.	Ped.Supt.Final Asm.-Std. Tr.& Pwr.Br.	M	703290	-----	-	YES	Serv.or Scrap
84.	Lvr.Asm.-Gear Sel.Std.Tr.	B	703621	-----	-	YES	Serv.or Scrap
85.	Switch Asm.-Back Up	B	703663	-----	-	YES	Serv.or Scrap
86.	Rod Asm.-Low & Rev.Gearshift Complete	M	703716	-----	-	YES	Serv.or Scrap
87.	Rod & Tube Asm.-Low & Rev. Shift Upper	M	703717	-----	-	YES	Serv.or Scrap
88.	Tube Asm.-Low & Rev.Shift Rod Clamp	M	703718	-----	-	YES	Serv.or Scrap
89.	Column A.-Strg.Std.Trans.	B	703727	-----	-	YES	Serv.or Scrap
90.	Engine A.-Man.Trans.Aero.	B	703773	-----	-	YES	Serv.or Scrap
91.	Frame Asm.-Compl.189 WB Std.Trans.	M	703815	-----	-	YES	Serv.or Scrap
92.	Strg.Col.& Wheel Asm-Std.Tr.	M	703852	-----	-	YES	Serv.or Scrap
93.	Anchor-Clutch Ped.Ret.Spr.	M	704125	-----	-	YES	Serv.or Scrap
94.	Grommet-Strg.Col.Gearshift Lever Lower	B	704128	-----	-	YES	Reduce Usage
95.	Bushing-Strg.Col.Gearshift Lower	B	704129	-----	-	YES	Reduce Usage
96.	Support-Engine Mtg.Rear	M	704164	-----	-	YES	Reduce Usage
97.	Bracket-Rear Eng.Supt.LH	M	704169	-----	-	YES	Reduce Usage
98.	Bracket-Rr.Eng.Supt.RH	M	704170	-----	-	YES	Reduce Usage
99.	Ftg.-3/8 Pipe Thd.x 3/8 Tube-Vac.	B	704350	-----	-	YES	Reduce Usage
100.	Rod-Low & Rev.Gearshift-Upr	M	704798	-----	-	YES	Serv.or Scrap
101.	Rod-Low & Rev.Gearshift-Lwr	M	704799	-----	-	YES	Serv.or Scrap

ENGINEERING MEMO #283 (Cont'd.)

ITEM	NAME	B OR M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
102.	Tube-Low & Rev. Shift Rod Clamp	M	704800	-----	-	YES	Serv. or Scrap
103.	Reinf.-Shift Rod Clamp Tube	M	704801	-----	-	YES	Serv. or Scrap
104.	Brkt.-Clutch T/out to B/Cr. to Engine	M	704932	-----	-	YES	Serv. or Scrap
105.	Lub Ftg. - 1/4-28 x 1/2 Spec. Taper Dr. Thread	B	9417901	-----	-	YES	Reduce Usage
Ⓐ 106.	Lever-Trans. Shift 2nd & Hi	M	704969	-----	-	-	Serv. or Scrap
Ⓐ 107.	Lubricant-Axle & Trans.	B	MI-109	-----	-	-	Reduce Usage