

ENGINEERING MEMO #344

TO: Memo Distribution
FROM: C. Bland
SUBJECT: WINDSHIELD WIPER AND WASHER SYSTEM REVISION

At the request of management and to improve the product, the windshield wiper system will be revised.

This revision will affect service in that the component parts are not interchangeable, but the complete systems are interchangeable.

Ⓑ This change will be made with a minimum of obsolescence, but not later than July 1, 1974.

Following is a complete list of parts affected.

ITEM	NAME	QTY	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG.	REMARKS
1.	Motor A.-Elec.W/S Wiper	B	641493	651812	NO	YES	Serv.or Scrap
Ⓐ 2.	Brkt.A.-Elec.W/S Wiper Mtr.	M	641494	-----	-	YES	Serv.or Scrap
Ⓐ 3.	Brkt.& Nut A.-Elec.W/S Wiper	M	641495	651796	NO	YES	Serv.or Scrap
Ⓐ 4.	Brkt.-Elec.W/S Wiper Mtr.	M	640541	646708	NO	YES	Serv.or Scrap
5.	Nut-1/4-20 McLaughlin Weld	B	626255	-----	-	YES	Reduce Usage
Ⓑ 6.	Nut-#10-24 Weld	B	-----	451741	-	YES	New Part Usage
Ⓐ 7.	Strap-Elec.W/S Wiper Mtr.Grd.	B	640547	-----	-	YES	Serv.or Scrap
8.	Rivet-1/8 Dia x 3/16 Lg OH Tub	B	107285	-----	-	YES	Reduce Usage
Ⓐ 9.	Screw-1/4-20 x 3/8 Tr Hd Sl Mach	B	137952	-----	-	YES	Serv.or Scrap
10.	Screw & L/W A.-1/4-20 x 5/8 Hex	B	626543	-----	-	YES	Reduce Usage
11.	Grommet-15/32 ID x 13/16 OD	B	626604	-----	-	YES	Reduce Usage
Ⓐ 12.	Washer-15/32 ID x 3/4 OD	B	626602	-----	-	YES	Serv.or Scrap
Ⓐ 13.	Washer-9/32 ID x 3/4 OD	B	626603	-----	-	YES	Serv.or Scrap
Ⓐ 14.	Nut-1/4-20 Washer Type Lock	B	626577	-----	-	NO	Serv.or Scrap

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"A" REV 12-6-73

"B" REV. 7-23-74

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ITEM	NAME	B O M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG.	REMARKS
① 15.	Screw & L/W A.-#10-24 x 1-1/8 FHCR	B	272522	272523	-	YES	New Part
② 16.	Pivot Conn. Arm & Disc A.- Compl. LH	B	645795	651797	NO	YES	Serv. or Scrap
③ 17.	Pivot & Conn Arm A.-Compl. RH	B	645796	651798	YES	NO	Serv. or Scrap
④ 18.	Pivot Conn. Arm & Disc A.-LH	B	645795	651813	NO	NO	Serv. or Scrap
⑤ 19.	Pivot & Conn. Arm A.-RH	B	645796	651814	NO	NO	Serv. or Scrap
⑥ 20.	Sw. A.-Elec. W/S Wiper & Washer	B	651759	651815	NO	YES	Serv. or Scrap
21.	Reservoir & Pump A.-W/S Wshr.	B	647961	651816	NO	NO	Serv. or Scrap
⑦ 22.	Cap-W/S Washer Reservoir	F	640587	-----	NO	YES	Serv. or Scrap
⑧ 23.	Brkt.-W/S Washer Resvr. Mtg.	B	646525	-----	-	YES	Serv. or Scrap
24.	Screw-#10-x 1/2 PHCR Type A	B	161895	-----	-	YES	Reduce Usage
25.	Harness A.-W/S Wiper	B	647932	651817	NO	YES	Hold for Misc. Usage
26.	Wire A.-Washer Pump Feeder	B	-----	651818	-	YES	New Part
27.	Panel & Bolt A.-Dash	M	-----	651819	-	YES	New Part
28.	Bolt-1/4-20 x 5/8 Ohio Weld	B	626292	-----	-	YES	Increase Usage
29.	Panel Asm.-Dash	M	647042	Chg "H"	YES	YES	Rework
30.	Liner Asm.-Dash	B	645966	Chg "E"	YES	YES	Rework
31.	Panel-Dash	M	646026	Chg "P"	YES	YES	Rework
32.	Cowl & W/S Opg. Fr. Asm.	M	651711	Chg "A"	YES	YES	Rework
33.	Hose-Def. 2-1/2 ID x 33 Ext.	B	640232	646714	YES	NO	Serv. or Scrap
⑨ 34.	Nut-1/4-20 Hex. Lock Type N	B	9410430	-----	-	YES	Serv. or Scrap
35.	Panel & Bolt A.-Frt. Fdr. Inr.	M	647103 647104	Chgs. "A & B"	YES	YES	Rework
36.	Panel A.-Frt. Fdr. Inr. RH	M	647102	Chg "E"	YES	YES	Rework
37.	Panel-Frt. Fdr. Inr. RH	M	646116	Chg "A"	YES	YES	Rework

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 Item 41 Added 12-6-73
 Item 42-43 Added 7-24-74

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ITEM	NAME	B O F M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG.	REMARKS
38.	Bolt-#10-32 Ohio Weld	B	626635	-----	-	YES	Increase Usage
39.	Nut-#10-32 Hex	B	120614	-----	-	YES	Increase Usage
40.	L/W-#10-Int.Ext.Tooth	B	178378	-----	-	YES	Increase Usage
41.	Duct & Hose Asm	M	639232	Chg"B"	YES	YES	Rework as Req'd
42.	Lock Nut 1/4-20 M.F. FL Whiz W/2 - Way Lock	B L	626631 626631	-----	---	---	Revise Usage Revise
43.	Panel Asm- Inst Complete	M	651758	651853	YESS	YES	Rework