

ENGINEERING MEMO #233

TO: Memo Distribution  
 FROM: S. Hori  
 SUBJECT: CHANGES REQUIRED TO COMPLY WITH FEDERAL MOTOR VEHICLE SAFETY STANDARD NO. 108

1. To meet the requirements of Federal Motor Vehicle Safety Standard No. 108 that becomes effective January 1, 1969, for all Checker Motors Corporation vehicles, the following changes will be made:
  - a. Class A reflex reflectors must be added to the front (amber lens) and rear (red lens) fenders.
  - b. All vehicles must be equipped with back-up lamps.
  - c. The wiring hook-up will be modified so that the parking lamps will be illuminated when the headlamps are on.
2. The changes will become effective as soon as possible for all models and no later than January 1, 1969.
3. The new and old fenders will not be interchangeable for service, but the tool changes will be made so that the old style fenders will be available for service.
4. The wiring harness and circuitry will be revised to connect the parking lamp circuit to the tail lamp circuit at the circuit breaker so that the parking lamps will be illuminated when the headlamps are on.

ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
1.	Panel A.-Frt.Fender Outer LH	M	639003	645761*	NO	YES	Service
2.	Panel A.-Frt.Fender Outer RH	M	639004	645762*	NO	YES	Service
3.	Panel-Frt.Fender Outer LH	M	640005	644481*	NO	YES	Service
4.	Panel-Frt.Fender Outer RH	M	640006	644482*	NO	YES	Service
5.	Panel & Bolt A.-Rr.Fend.LH	M	639083	645763*	NO	YES	Service
6.	Panel & Bolt A.-Rr.Fend.RH	M	639084	645764*	NO	YES	Service
7.	Panel-Rear Fender LH	M	636765	644483*	NO	YES	Service

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ITEM	NAME	B O M	OLD PART NUMBER	NEW PART NUMBER	I	A	REMARKS
8.	Panel-Rear Fender RH	M	636766	644484	NO	YES	Service
9.	Panel & Bolt A.-R/Fend.LH(Aero)	M	643533	643683	NO	YES	Service
10.	Panel & Bolt A.-R/Fend.RH(Aero)	M	643534	643684	NO	YES	Service
11.	Panel-Rear Fender LH(Aero.)	M	640895	644775	NO	YES	Service
12.	Panel-Rear Fender RH(Aero.)	M	640896	644776	NO	YES	Service
<del>13.</del>	<del>Reflex A.-Side Marker-Red</del>	<del>B</del>	<del>-----</del>	<del>645765</del>	<del>NO</del>	<del>YES</del>	<del>New Part</del>
<del>14.</del>	<del>Reflex A.-Side Marker-Amber</del>	<del>B</del>	<del>-----</del>	<del>645766</del>	<del>NO</del>	<del>YES</del>	<del>New Part</del>
<del>15.</del>	<del>Gasket-Side Marker</del>	<del>B</del>	<del>-----</del>	<del>644472</del>	<del>NO</del>	<del>YES</del>	<del>New Part</del>
16.	Switch-Back Up Light	B	95371	-----	YES	YES	Increase Use
17.	Wiring Harn.-B/Up Sw(Fl.Sh.)	B	95462	-----	YES	YES	Increase Use
18.	Harness A.-B/Up Switch	B	701509	-----	YES	YES	Increase Use
19.	Switch A.-B/Up Lamp	B	701960	-----	YES	YES	Increase Use
20.	Brkt.-B/Up Switch(Fl.Sh.)	M	702340	-----	YES	YES	Increase Use
21.	Lead-B/Up Switch Wiring	B	97653	-----	YES	YES	Increase Use
22.	Clip-Wire & Tube	B	626797	-----	YES	YES	Increase Use
23.	Washer-5/16 I.D. x 1" O.D.	B	634103	-----	YES	YES	Increase Use
24.	Lockwasher-#8 Ext.Tooth	B	121752	-----	YES	YES	Increase Use
25.	Screw - #8-32 x 1/4 Pan Hd.CR Tapp	B	164349	-----	YES	YES	Increase Use
26.	Harness A.-Inst.Dash Wiring	B	701941	Chg.C	YES	YES	Rework
27.	Harness A.-Inst.Dash Wiring	B	701942	Chg.C	YES	YES	Rework
<del>28.</del>	<del>Screw - #8 x 5/8 Pan Hd.CR Type "A" Tapp.</del>	<del>B</del>	<del>161869</del>	<del>-----</del>	<del>YES</del>	<del>YES</del>	<del>Increase Use</del>
<del>29.</del>	<del>Nut - Zimmerman #3 SS Cr 4 Type "U"</del>	<del>B</del>	<del>626301</del>	<del>-----</del>	<del>YES</del>	<del>YES</del>	<del>Increase Use</del>
30.	Reflector A.-Red Reflex	B	-----	645907	NO	YES	New Part
31.	Reflector A.-Amber Reflex	B	-----	645908	NO	YES	New Part
32.	Screw-10-24 x 1 CRFH Mach.	B	-----	626824	NO	YES	New Part
33.	Nut & Sealer A.- 10-24	B	626489	-----	YES	YES	Increase Use
A 34.	Molding-Frt.Fender Side	B	640387	-----	NO	NO	Serv.&Rework
A 35.	Molding-Rear Door Side-129 WB	B	642205	-----	NO	YES	Increase Use