

ENGINEERING MEMORANDUM #21

TO: J. Stout, R. Fuller, J. Coleman, S. Hori, E. Horrigan, K. Luke, F. Leamy (3), R. McCulfor, R. Smith, C. Cornwell, E. Nelson (2), J. Copeland, T. Bedard, J. Temple (4), K. Bothe, L. Hilsky (4), A. Radke (3), D. Markin, B. Herrington (8), W. Asselin, D. Bach, F. Baldwin, S. Wilson, A. Goedhart, S. Megyesi.

FROM: P. Visser

SUBJECT: ENGINE COMPARTMENT WIRING (See also Engineering Memo #20, January 2, 1963.)

The engine compartment wiring has been revised in order to standardize and minimize the components, therewith simplifying the installations, which, because of a neater appearance, will benefit Service and Sales and last but not least, to incorporate requirements in Motorola alternator application.

The only part affected in Body Department is the Left Hand Front Fender Inner Panel, Part No. 640017, which requires two additional mounting holes, covered under change "B" used for mounting the new starter solenoid switch, Part No. 97508.

The wiring installations are covered by five SK's which are SK-2446, showing the revised rear battery cable installations; SK-2430, showing the wiring installations for L-head engine with front mounted battery; SK-2431, showing the same for overhead engines; SK-2459, the same for L-head engines with rear mounted battery; SK-2460, the same for overhead engines with rear mounted battery.

Once more we refer to the statement made in Engineering Memo #20, that these wiring installations can only be used specifically with Motorola alternator installations.

Particular attention should be paid to the new instrument dash wiring harnesses which can be identified by the fact that the ones used for Motorola applications are provided with a red plastic identification band, and to clarify the difference even more readily new part no's 97496 (A-11) & 97497 (A-12) have been assigned to these.

The attached four sheets show the affected parts compiled from the Bills of Material.

\* 97481 WIRING CABLE - BALLAST TO CHOKE  
97479 CABLE ASSEM. - FRT. MTD. BATT. TO SOL. SWITCH  
97477 CABLE ASSEM. - SOL. SWITCH TO STARTER  
98486 PLUG - FRT. MTD. BATT. CABLE RETAINER  
97508 SWITCH ASSEM. - STARTER SOL.  
97514 CABLE ASSEM. - O.D. RELAY - BATT.  
97480 WIRING HARNESS - OVERDRIVE  
97515 THROTTLE SWITCH & WIRING HARNESS ASSEM.  
\* 98484 STUD - ENGINE BATT. GROUND (FURN. IN O.H.V. ENGINES)  
\*\* 97496 WIRING HARNESS - INST. - DASH A-11  
\*\* 97497 WIRING HARNESS - INST. - DASH A-12

\* 1-16-63;  
\*\* 1-25-63;

~~95456 \*\* WIRING HARNESS - INST. DASH A-11 Revised Red-banded~~  
~~97324 \*\* WIRING HARNESS - INST. DASH A-12 Revised Red-banded~~  
93980 MOTOR ASSEM. - STARTER - STD. TRANSMISSION Rev.-2 tapped  
holes omitted  
95496 MOTOR ASSEM. - STARTER - AUTO. TRANSMISSION Rev.-2 tapped  
holes omitted

\*\* 1-25-63

\* 1-16-63;

120368	NUT - 5/16-24 HEX.	INCR.
138485	LOCKWASHER 5/16 EXT. TOOTH	INCR.
93892	CABLE ASSEM. - BATTERY GROUND	INCR.
80556	CLIP - FRT. MTD. BATT. CABLE & WIRING HARNESS	INCR.
80352	CLIP - 13/32 HOLE J TYPE	DECR.
120392	WASHER - 9/32 x 5/8 O.D. PLAIN	DECR.
120614	NUT - #10-32 HEX.	DECR.
120217	LOCKWASHER #10 MED. SPRING	DECR.
132900	SCREW #10-32 x 3/8 SOL. TO STARTER	DECR.
136857	LOCKWASHER - 7/16 EXT. TOOTH	DECR.
272123	NUT 7/16-20 HEX.	DECR.

\* 1-16-63

\* 1-16-63;

95616 WIRING HARNESS - DASH HEADLAMPS  
95465 WIRING CABLE - IGNITION COIL TO CHOKE  
95025 CABLE ASSEM. - BATT. TO SOL. SWITCH  
95026 CABLE ASSEM. - SOL. SWITCH TO STARTER  
95321 SWITCH ASSEM. - STARTER SOL.  
94720 BAR - STARTER SWITCH  
95127 SWITCH ASSEM. - STARTER SOL.  
95592 CABLE ASSEM. - STARTER SOL. TO GROUND  
95615 CABLE ASSEM. - O.D. RELAY - BATT.  
95464 WIRING HARNESS - O.D.  
95548 THROTTLE SWITCH & WIRING HARNESS ASSEM. O.D.  
95291 CABLE ASSEM. - STARTER SOL. TO REG. GEN.  
95617 CABLE ASSEM. - STARTER SOL. TO GROUND  
95689 GUIDE ASSEM. - BATT. CABLE TO FRAME  
Includes 96203 - Guide & 96204 - Hook  
95258 CABLE ASSEM. - STARTER SOL. TO REG. GEN.  
95704 CABLE ASSEM. - BATTERY GROUND  
\* 95456 WIRING HARNESS - INST. DASH A-11  
\* 97324 WIRING HARNESS - INST. DASH A-12