



**MOTOROLA INC.**

MANUAL REVISION

for  
Manual No. 68P81058C70-O  
SABER™ VEHICULAR ADAPTER

This revision outlines changes that have occurred since the printing of your manual. Use this information to supplement your manual.

**REVISION DETAILS**

**NO. CHANGE AFFECTS**

- 1 Console Cabling
- 2 RECOMMENDED TEST EQUIPMENT Table
- 3 Schematic Diagram
- 4 Electrical Parts List
- 5 Nonreferenced Items

**CHANGES**

**NO.**

- 1 For added protection, it is recommended that the following changes to the "CONSOLE CABLING" procedure, page 4, be incorporated:

Change step 6 c to read:

- c. Install the provided in-line fuse holder and fuse in the B+ (red) line, then connect the red lead to the positive (+) battery terminal. Ensure that the plug and jack in the wire are connected firmly together.
  - (1) On the engine side of the firewall, install the provided in-line fuse in the B+ (red) line approximately eight to ten inches from the vehicle's battery. To accomplish this:
    - (a) Cut the red lead eight to ten inches from its end. Using one of the pieces of heat-shrink tubing provided, solder one side of the fuse holder to the B+ (red) line.
    - (b) Using the other piece of heat-shrink tubing, solder the cut piece to the other side of the fuse holder.
    - (c) Insert the provided 5-amp fuse into the fuse holder.

Change step 6 d to read:

- d. Connect the yellow lead to the fused, switched side of the ignition circuit.

# Manual Scan

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I hope this service manual is of use to you. Motorola does not make this available as a PDF and all other available copies are of poor quality.

Each page is captured at 600 DPI, and as 24-bit color, 8-bit grayscale or black and white and at the proper page size, up to 11x34 inches in many cases. OCR has been performed on the document, even on the large pages. The document is condensed into one single PDF with text overlay. You should be able to print the larger sheets on 11x17 or tile them onto 8.5x11 if needed.

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If something is incorrect here, or unreadable please reach out; I likely have the original lossless compressed images. In the final PDF that's color or grayscale will be JPEG 2000 format with highest quality selected. B&W images will be compressed using CCITT Group 4. This is quite close to the source material, but there may be some artifacts due to lossy compression. If there's a choice between file size and image quality, image quality will win. It's 2021 and storage and bandwidth is cheap.

This was captured on a Canon DR-G2140 scanner which is ~ 7500 USD unit circa 2021. You may note some artifacts and lines in on the scans, these are due to scratches on the sensor glass, and are minor. The replacement glass is about 250 USD if you're feeling generous :-)

If you have a hard to find/out of print manual and would like to make it available please reach out, I may be able to scan and return it to you.

Thank you,

Bryan Fields, W9CR  
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Change step 6 e to read:

- e. Connect the green lead to the fused, switched side of the headlight circuit.

The above modification uses the following parts:

0984239F01 Fuse Holder  
6500052293 Fuse, 5-amp

**NO.**

- 2 In the "RECOMMENDED TEST EQUIPMENT" table, page 10, add the REX-4063A, Test Set for SVA.

**NO.**

- 3 On the Schematic Diagram, page 17:

Change the voltage input to resistor R97

From: ② (REGULATED +5V)

To: ① (A+)

Add the following capacitors:

C101 100pF From P7, Pin 1 To Ground  
C102 100pF From P7, Pin 2 To Ground  
C103 100pF From P7, Pin 3 To Ground  
C104 100pF From P7, Pin 4 To Ground  
C105 100pF From P7, Pin 8 To Ground  
C106 100pF From P7, Pin 7 To Ground  
C107 100pF From P7, Pin 6 To Ground

**NO.**

- 4 In the Electrical Parts List, page 18, change the following:

REF. SYM.	ACTION	PART NO.	DESCRIPTION
C101 thru 107	added	2113740A55	CAPICITOR; 100pF±5%; 50V
R161	changed to	0660076A01	RESISTOR; 10Ω±5%; 1/8W
VR34	changed to	4880140L15	DIODE, Zener; 10V

**NO.**

- 5 In the Nonreferenced Items, page 18, change Motorola part No. 0105955S29. Block, Charging contact (Console packet) to part No. 0905108U01.