



# **ASI RADIO**

# **OPERATING INSTRUCTIONS**

1982/1983 DELOREAN

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#### DMC Parts Identification Manual

Updated reproduction of original factory documentation.

Part Number P1105010



#### **DMC Workshop Manual**

Reproduction of original factory documentation for dealership service personnel.

Part Number P3113096



#### **DMC Service Bulletins**

Reproductions of original factory documentation as written for dealership service personnel.

Part Number P2107010



#### Full Color Wiring Diagram

Most complete & accurate wiring diagram ever created for the DeLorean automobile.

Part Number P6100330



#### DeLorean Key Blank

Fits all ignitions, cubby boxes, original locking gas caps and door locks for VIN's ending in 4200 & up.

Part Number 109100



#### **DMC License Plate**

A reproduction of the original design used in publicity photos by the original DMC.

Part Number A7101002



#### Oil, Air and Fuel Filters

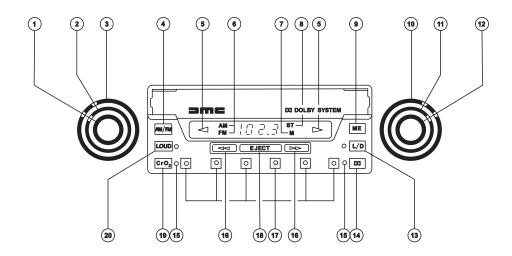
Includes sealing washers where required to do the job right! All pieces sold separately or as a convenient kit.



#### DeLorean Stainless Steel Car Care Kit

Modern formulations of original stainless shampoo, stainless cleaner/sealer and leather/vinyl conditioner.

Car Care Kit	Part Number A4000100
Stainless Shampoo (16 oz)	Part Number A4000121
Stainless Cleaner/Sealer (16 oz)	Part Number A4000111
Leather/Vinyl Conditioner (16 oz)	Part Number A4000131
Blending Pad (each)	Part Number A4000151
Blending Pad Handle	Part Number A4000152
SS-Glow Polish	Part Number A4000162
Wheel Cleaning Brush	Part Number A4000153



- 1 ON-OFF VOLUME CONTROL (INNER MOST KNOB)
  - PUSH FOR RADIO STATION SEEK
  - PUSH FOR TAPE PROGRAM CHANGE
- 2 TREBLE CONTROL (CENTER KNOB)
- 3 BASS CONTROL (OUTTER MOST KNOB)
- (4) AM/FM SELECTOR BUTTON
- (5) TAPE DIRECTION INDICATOR LIGHTS
- (6) AM/FM INDICATOR LIGHTS
- (7) MEMORY INDICATOR LIGHT
- (8) STEREO INDICATOR LIGHT
- 9 MEMORY ACTIVATE DE-ACTIVATE BUTTON
- (10) MANUAL TUNING CONTROL

- (11) LEFT-RIGHT BALANCE CONTROL
- (12) FRONT-REAR FADER CONTROL
- (13) LOCAL/DISTANT CONTROL
- 14 DOLBY NOISE REDUCTION BUTTON
- (15) RADIO PUSHBUTTONS
- 16 FAST FORWARD/REWIND CONTROLS
- (17) TAPE EJECT CONTROL
- (18) TAPE EQUALIZATION BUTTON FOR METAL TAPES
- (19) LOUDNESS CONTROL
- (20) FUNCTION LAMPS
  (ON WHEN FUNCTION IS ON)
- (21) CLOCK-HOUR SET CONTROL
- (22) CLOCK-MINUTE SET CONTROL

#### RADIO OPERATION

#### TO TURN TAPE PLAYER OR RADIO ON (1)

The ON-OFF switch combined with the VOLUME control, both of which are operated by the left front knob. Turn this knob clockwise until a "click" is heard, which indicates that the radio is now "ON". Further clockwise rotation will increase the volume.

#### AM/FM SELECTION (4)

The desired broadcast band is selected by the AM/FM Selector Button which is the button marked "AM/FM". The radio has the FM and AM band indicators (a) located to the left of the Radio Frequency display and the appropriate indicator will light up depending on whether FM or AM band is operating.

### MANUAL STATION TUNING 10

This radio is equipped with an electronic tuner. To tune to a station manually rotate the right front knob clockwise for up scale tuning and counterclockwise for down scale tuning. The frequency will appear on the digital display area of the radio. On the AM band the frequency will appear in steps of 10 KHz and on the FM band frequency will appear in steps of 0.2 MHz. Each "click" while rotating the manual tuning knob will be one step on the respective broadcast band. Tune the set carefully until you are exactly on the station. This FM receiver is equipped with an automatic muting circuit. This circuit filters out virtually all off station background noise when tuning from station to station. Also, when background noise is greater than the transmitted station signal, both the station signal and background noise are muted

(filtered) out.

#### **SEEK TUNING** ①

The SEEK tuning feature of this radio automatically locates the next strong station available on the radio dial when actuated. This feature operates in the up scale direction. The SEEK tuning feature is activated by pushing in the left front knob when in the radio mode. The radio automatically locates the next strong station and stops. This procedure can be repeated by pushing the left front knob again. Repeat until the desired station is being received. For maximum sensitivity of Seek Tuning, the L/D button (12) should be in the distant position.

#### **TUNING PUSHBUTTONS (15)**

Each tuning pushbutton can be set to two stations, one on the AM band and one on the FM band. This provides a total of twelve stations which can be selected by pushbutton operation. Each tuning pushbutton also has a dual color LED light in its center. These lights allow the user to easily locate each pushbutton at night. The lights change from red to green to indicate the last pushbutton operated.

### MEMORY (9)

Set pushbuttons as follows:

- 1. Select the desired broadcast band with the AM/FM selector button 4
- 2. Carefully tune to the desired station with the manual tuning control (10) or by using the SEEK tuning feature (1)
- 3. Press the top right button marked "ME" for approximately 3/4 seconds until the orange colored "M" appears on the display area (7)

- 4. Press one of the tuning pushbuttons. The "M" on the display area will go out indicating the button is now preset to this station.
- 5. Repeat steps 2-4 for the remaining buttons.
- 6. Set the AM/FM selector button 4 to the other broadcast band and set the six pushbuttons in the same manner as above.

NOTE: THE ELECTRONIC CONTROL FUNCTIONS IN THE RADIO WILL NOT OPERATE PROPERLY IF POWER TO THE RADIO IS INTERRUPTED. THE POWER INTERRUPTION COULD BE CAUSED BY THE DISCONNECTION OF THE BATTERY, OR LOW BATTERY VOLTAGE AS MAY OCCUR IN COLD WEATHER STARTING. DISCONNECTION OF THE BATTERY WILL CAUSE LOSS OF PUSHBUTTON STATION MEMORY AND THE TIME. THE MEMORY AND CLOCK WILL REQUIRE RESETTING WHEN POWER IS RESTORED. LOW BATTERY VOLTAGE WILL CAUSE FAILURE IN THE SEEK TUNING OPERATION. THE SEEK TUNING WILL OPERATE PROPERLY WHEN POWER IS RESTORED.

#### **STEREO INDICATOR LIGHT ®**

The FM Stereo light, "ST", is located on the right side of the display area. This light will glow whenever the radio is tuned to an FM stereo station whose broadcasting signal is of sufficient strength. If the Stereo signal begins to weaken the radio will automatically blend to monaural reception. The mono mode will increase the radio's ability to receive the weak signal. As the signal strength returns to a sufficient level the radio will automatically return to the Stereo mode.

# LOCAL/DISTANT SELECTOR 13

The center button on the right side of the radio marked "L/D" is the Local/Distant Selector. When the small green indicator light is on the radio is in the 'Distant' mode.

When the indicator light is off, the radio is in the 'Local' mode. This switch allows the user to discriminate the strong ('Local' position) from the weak stations ('Distant' position) in the FM mode.

When the radio is in the Seek Tuning mode, this feature allows the user to discriminate the strong station from the weak stations on both the AM and FM bands. Your radio should be in the 'DISTANT' mode for best reception under most conditions, an exception would be in an urban area with tall buildings.

#### TREBLE CONTROL (2)

The treble response can be adjusted to the desired level with the middle knob on the left side of the radio. Rotating clockwise increases the treble and rotating counterclockwise decreases the response. There is a detent position at the middle point of the knob's rotation.

#### **BASS CONTROL** ③

The bass response can be adjusted to the desired level with the rear knob on the left side of the radi. Rotating clockwise increases the bass and rotating counterclockwise decreases the response. There is a detent position at the midpoint of the knob's rotation.

# **BALANCE CONTROL (LEFT-RIGHT)** (11)

Adjust the balance control with the right middle knob just behind the manual tuning control to the point where the volume appears equal between the left and right speakers. This control has a center detent position where the volume is exactly equal between the left and right audio outputs of the unit.

# FADER CONTROL (FRONT-REAR) 12

Adjust the fader control, the rear knob on the right side of the radio to the point where the volume appears equal between the front and rear speakers.

### **LOUDNESS CONTROL** <sup>(19)</sup>

Low volume labels are deceptive to the human ear in that the ear has a tendency not to hear the low and high frequencies (bass & treble) as clearly as the mid-range. The Loudness Control provides boost to the low and high frequencies to compensate for the ear's deficiencies. The Loudness Control is the middle button on the left side of the radio marked "LOUD". When the green indicator lamp is ON, the Loudness Control is ON. When the Lamp is OFF, the control is OFF.

#### **CLOCK OPERATION**

With the ignition switch in the ON position and the radio on or off, the time of day will be displayed on the radio display. The radio frequency can be displayed by pressing the "CRO2" button  $\textcircled{1}{3}$  or the Dolby NR button  $\textcircled{1}{4}$ . The time will reappear after about five seconds. The time is also displayed when the tape player is operating.

#### TO SET CLOCK

The time of day must be on the display to set the clock. The hour is set by pressing the small button (21) to the left of the fast forward/rewind buttons, with a pointed object such as a pencil point. The minutes are set in the same manner by pressing the small button (22) to the right of the fast forward/rewind buttons.

#### TAPE PLAYER OPERATION

Insert the tape cassette into the tape slot until it locks into position. The unit is automatically switched to tape player operation and one of the green tape direction indicators (5) located on either side of the display area will be on. The various lights shown when the radio is on will not light up. They will come back on when tape is ejected and the lights relating to the cassette operation will go off.

# PROGRAM CHANGE CONTROL ①

When the tape program reaches its conclusion the tape player will automatically reverse the tape direction and play the other program. To manually change the tape direction, push the Volume control knob 1. The proper tape direction indicator 5 will light.

#### **REWIND** (16)

To rewind the tape, depress one of the two control buttons marked with arrows. The button with arrows pointing opposite the direction of the tape, as indicated by the lit tape direction indicator light (5) will rewind the tape in order to repeat sections of the tape program. The button will lock in position when pressed fully inward. It can be released by partially pushing in the Eject button. When the button is released, the unit will play at normal speed.

# **FAST FORWARD** (16)

The control button marked with arrows pointing in the same direction as the tape, as indicated by the lit tape direction indicator light, (5) will increase the tape speed

when depressed. This function allows the location of other sections of the tape program. The button will lock when depressed fully inward. It can be released by partially pishing in the Eject button. When the button is released, the unit will play at normal speed.

# EJECT 17

To eject the tape cassette push in firmly on the "EJECT" button and the cassette will be partially ejected from the tape slot. The unit is automatically switched to radio operation. An important point - do not leave the cassette in the play position when you turn the radio or the car engine off.

### DOLBY\* NR (NOISE REDUCTION) CONTROL 14

This tape player is equipped with a noise reduction circuit developed by Dolby Laboratories. It reduces to a minimum the noise commonly referred to as "tape hiss" and improves the reproduction of the high frequency sounds. This circuit will best affect tapes recorded using the Dolby NR process. They will be identified by the "Double-D" symbol and the words "DOLBY SYSTEM" printed on the label. The tape player's Dolby NR circuit is controlled by the bottom button on the right side of the radio marked with the "Double-D" symbol. Press the button when playing tapes recorded with the Dolby Noise Reduction process. The function is ON when the lamp is ON.

\*Noise Reduction System manufactured under license from Dolby Laboratories Licensing Corporation. 'DOLBY' and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

# **TAPE EQUALIZATION CONTROL** <sup>®</sup>

The button in the lower left corner of the radio marked "Cr02" selects the proper tape equalization value of 120 microseconds for normal tapes and 70 microseconds for chrome tapes. Push the button when using hi-bias chrome tape to achieve more faithful reproduction. The function is ON when the green light is ON.

#### **PARTS**



ASI RADIO NOSE PIECE Part Number 110691



ASI RADIO FACEPLATE Part Number 110699



POWER ANTENNA MOTOR & MAST Part Number 110971



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