



A - Tram Gage  
 B - Depression In Housing  
 C - Right Wiper Driver  
 D - Left Wiper Driver

- (c) Measure 3-1/2 inches from one end and bend it 90 degrees.
- (d) Measure 3-1/2" from the other end of the rod and form another 90 degree bend in the same plane as the previous bend.
- (e) Bend the pointed ends to measure exactly 18-1/32" between the points.

2. Employ the gage as follows:

- (a) Remove the right windshield wiper arm and blade assembly.
- (b) Place one point of the gage in the depression in the center of the windshield wiper motor gear box as shown in the illustration at 'B.'
- (c) Place the other point of the gage on the end of the right driver shaft (c) and note the location. The correct dimension from the depression in the center of the windshield wiper motor gear box to the center of the right driver shaft must be a minimum of 18-1/32" to a maximum of

18-5/32". This dimension is important. Therefore, be accurate with the measuring procedure and check the gage measurement against an accurate steel tape to insure accuracy.

- (d) Record the exact measurement and determine the extent of relocation required to obtain the proper measurement of 18-1/32" to 18-5/32".

3. Relocate the windshield wiper motor as required:

- (a) Disconnect the battery (first the negative lead, then the positive lead).
- (b) Separate the windshield wiper motor electrical connector.
- (c) Remove the windshield wiper motor to linkage lever by working under the dash and from the left side of the vehicle. Remember the position of the lever for ease of reassembly. NOTE - Cars equipped with air conditioning will require lowering of the steering column and parking brake handle to gain access.
- (d) Hold the windshield wiper motor mounting screw nuts and have an assistant remove the windshield wiper mounting screws from the engine side of the dash panel.
- (e) Remove the windshield wiper motor assembly.
- (f) Use a round file and elongate the windshield wiper motor mounting screw holes in the dash panel in a direct line toward the right windshield wiper driver, the distance required to obtain the proper dimension indicated above.
- (g) Enlarge the center hole in the dash panel the same amount to provide proper operating clearance.
- (h) Reinstall the windshield wiper motor, using flat washers under the retainer screw nuts to provide a secure mounting.
- (i) Reinstall the windshield wiper motor to linkage lever properly, then install the retainer nut.
- (j) Connect the windshield wiper motor electrical connector.
- (k) Remove the left windshield wiper blade and arm assembly.
- (l) Connect the battery (positive lead first), then operate the windshield wiper motor and linkage through several cycles. Turn off the windshield wiper switch and permit the motor to return the linkage to the park position.
- (m) Install both windshield wiper blade and arm assemblies and check the wiper operating with a water wet windshield. Adjust the arms and/or the small lever located on the motor switch plate as required to provide proper park position and wiper blade action as outlined on Page 27 in the **Body** section of the **Avanti Workshop Manual**.

In the event repair to the fiberglass panel in the area of the right windshield wiper driver has been made, the original dimension of 20 47/64" between the right and left windshield wiper drive shafts must be maintained. This measurement is taken from the center of the left wiper drive shaft (D) to the center of the right wiper drive shaft (C) (measured at the ends).