

SECTION A

WINDSHIELD WIPERS

ALL SERIES

CONTENTS

Division	Subject	Page No.
I	TROUBLE DIAGNOSIS: See 1972 Body Service Manual	
II	DESCRIPTION AND OPERATION: See 1972 Body Service Manual	
III	ADJUSTMENTS AND MINOR SERVICE: See 1972 Body Service Manual	
IV	REMOVAL AND INSTALLATION:	
	4D-4F-4G-4H Series Wiper Motor (Non-Depressed Park)	10-2
	4D-4F-4G-4H Series Wiper Motor (Depressed Park)	10-2
	4L-4N-4R-4P-4U-4V-4Y Series Wiper Motor	10-3
	Washer Pump Removal (All Depressed Park Systems)	10-3
	4D-4F-4G-4H Wiper Transmission	10-3
	4L-4N-4R-4P-4U-4V-4Y Wiper Transmission	10-3
V	OVERHAUL AND MAJOR SERVICE: See 1972 Body Service Manual	
VI	SPECIFICATIONS: See 1972 Body Service Manual	

DIVISION IV

REMOVAL AND INSTALLATION

10-1 4D-4F-4G-4H SERIES WIPER MOTOR (NON-DEPRESSED)

A. Removal

1. Disconnect battery.
2. Remove cowl screen.
3. Loosen the two (2) nuts on the adjustable motor

drivelink at the crank arm and slip drivelink off. See Figure 10-1.

4. Remove electrical connectors from washer motor and pump.

5. Disconnect washer pump hoses.

6. Remove three (3) bolts securing motor to cowl and carefully lift motor away from cowl.

B. Installation

1. Place motor and gasket in position on cowl and install three (3) attaching bolts.

2. Connect washer pump hoses and electrical connections.

3. Install drive link and cowl screen and connect battery.

10-2 4D-4F-4G-4H SERIES WIPER MOTOR (DEPRESSED PARK)

A. Removal

1. Disconnect battery.

2. Remove hoses from washer nozzles.

3. Remove rubber weatherstrip and cowl screen.

4. Use a 3/8" socket and loosen the two (2) nuts on the adjustable motor drivelink at the crank arm and slip off.

5. Disconnect washer hoses and electrical connectors from pump and motor.

6. Remove three (3) wiper motor to cowl retaining screws, using a 5/16" socket.

B. Installation

See installation procedure in paragraph 10-1.

10-3 4L-4N-4R-4P-4U-4V-4Y WIPER MOTOR

A. Removal

1. Disconnect battery.

2. Remove cowl screen.

3. Using a 3/8" socket, loosen two (2) nuts on the wiper transmission drivelink to wiper motor cranking arm and slip drivelink off of cranking arm.

4. Disconnect washer pump hoses and two (2) electrical

connectors, one from washer pump and one from wiper motor.

5. Using a 5/16" socket, remove three (3) screws holding motor to cowl.

B. Installation

See paragraph 10-1.

10-4 WASHER PUMP REMOVAL (ALL DEPRESSED PARK SYSTEMS)

This operation can be done with washer motor on or off the car.

A. Removal

1. Remove washer pump hoses.

2. Disconnect electrical connector at pump.

3. Snap off plastic shield.

4. Remove three (3) screws securing pump to motor and lift pump off of motor.

B. Installation

1. To install washer pump, rotate washer pump drive cam so that hole in cam and hole in washer pump mounting plate are aligned. Insert a length of 1/8" rod through pump mounting plate and cam to maintain alignment while installing pump on wiper motor.

2. Install three (3) screws securing pump to motor.

3. Install plastic shield.

4. Connect electrical and hose connections to pump.

10-5 4D-4F-4G-4H SERIES WIPER TRANSMISSION

A. Removal

1. Disconnect washer hose from washer nozzles.

2. Remove rubber weatherstrip from front of cowl screen and five (5) snap clips from the rear of the screen; then remove the cowl screen.

3. Use a 3/8" socket and loosen the two (2) nuts on the drivelink socket bearing at the crank arm and slip drivelink link off of the crank arm. See Figure 10-1.

4. Remove both wiper arm and blade assemblies.

5. Remove two (2) screws from the right and left transmission pilot shaft with a 5/16" socket. The third

screw on the left side takes a 7/16" socket and should be removed last.

6. With the transmission assembly laying loose, rotate it towards front of car and remove through the access hole in right side of cowl.

B. Installation

1. Place transmissions into position and install five (5) securing bolts.

2. Install drive link.

3. Install washer hoses, cowl screen and weatherstrip.

4. Install wiper blade assemblies.

5. Connect battery.

10-6 4L-4N-4R-4P-4U-4V-4Y SERIES WIPER TRANSMISSION

A. Removal

1. Disconnect battery and remove cowl screen.

2. Remove both wiper blade assemblies.

3. Loosen the two (2) driveline to crank arm adjusting

nuts and slip driveline off crank arm.

4. Remove the two (2) wiper blades and wiper arm assemblies.

5. Remove six (6) bolt securing wiper transmissions to cowl, three on each side at the serrated head of output shaft.

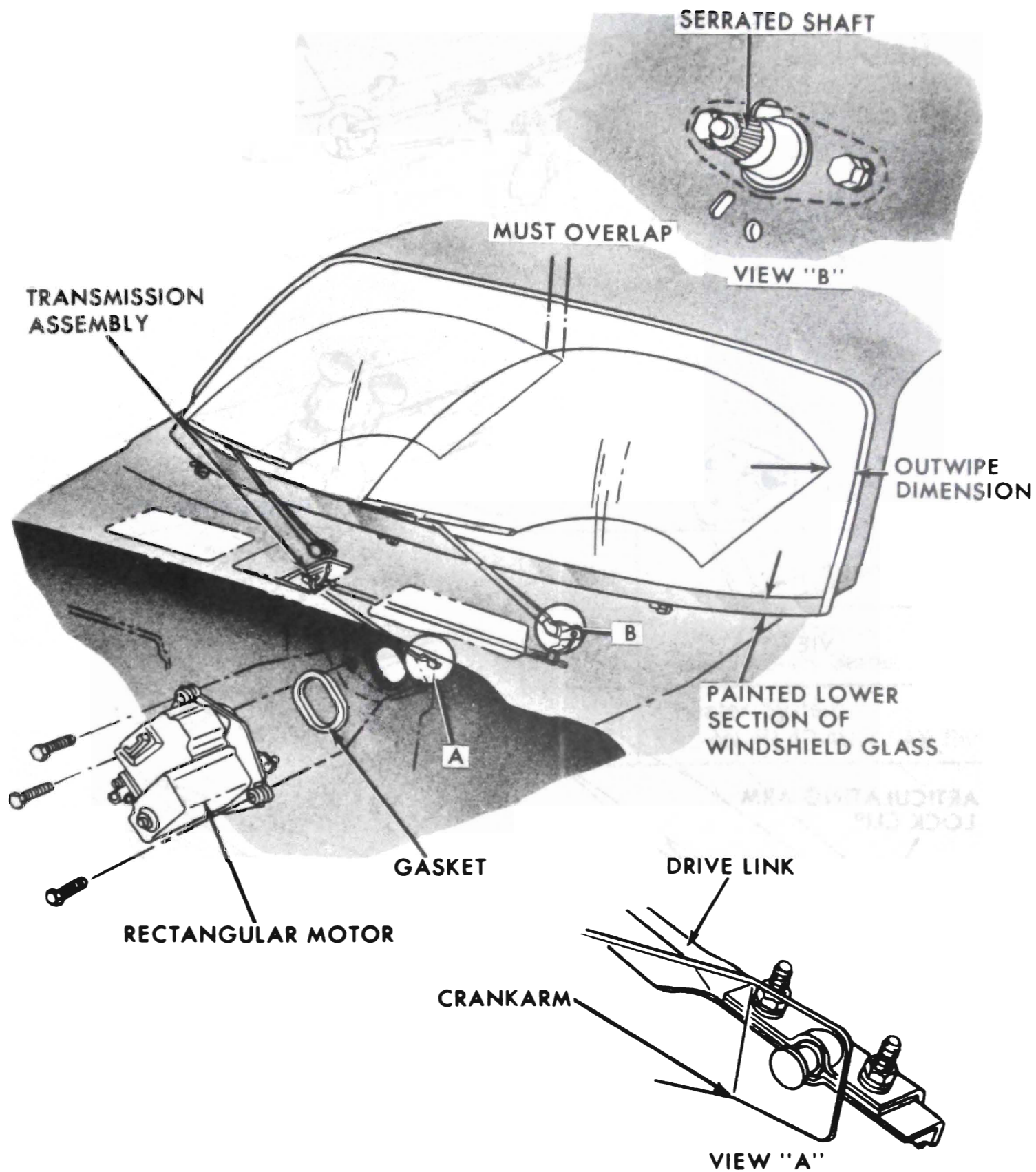
B. Installation

1. Place transmissions into position and install six (6) securing bolts.

2. Install drive link.

3. Install wiper blade assemblies.

4. Connect battery.



10-1

Figure 10-1

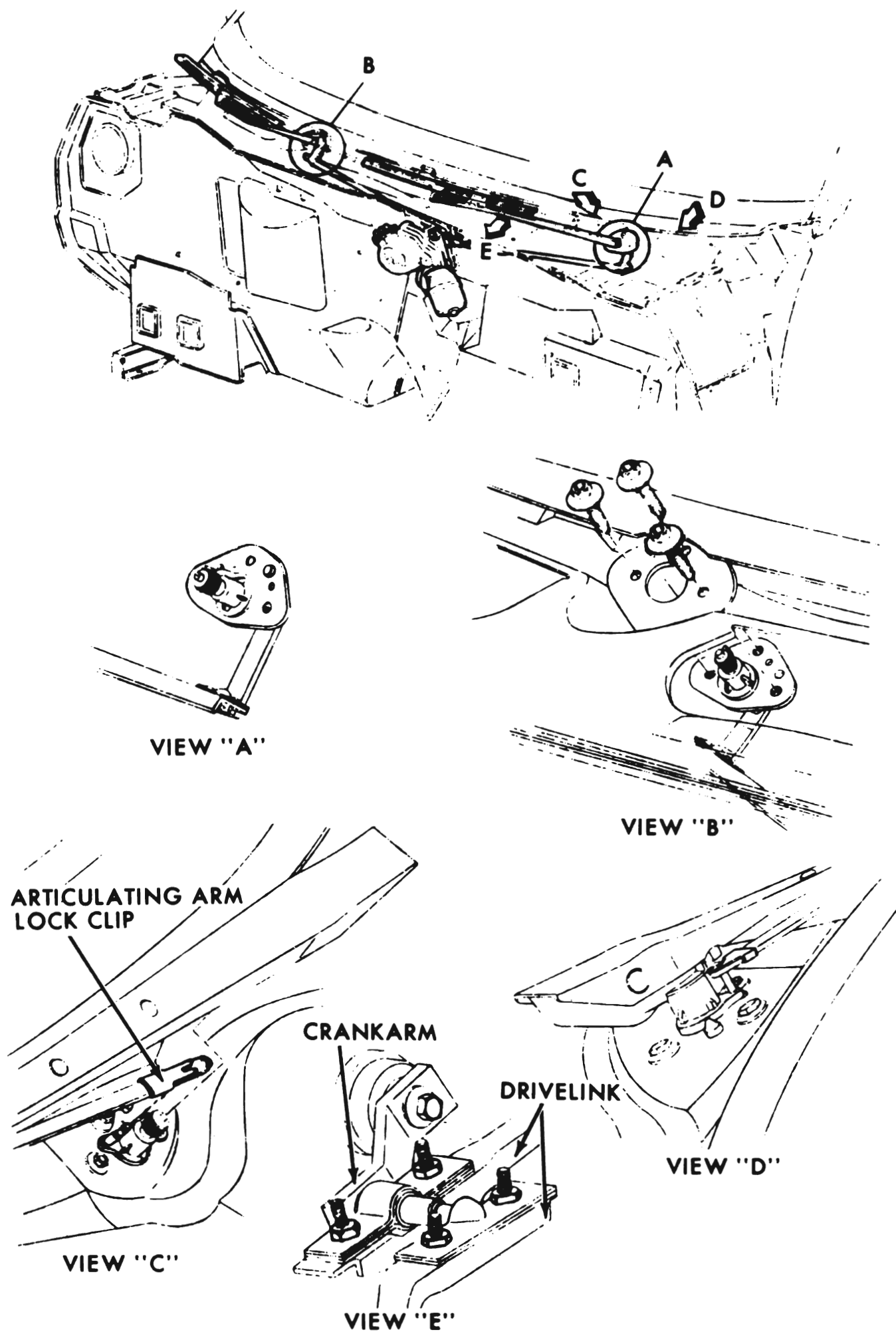


Figure 10-2