

GROUP 10

WINDSHIELD

WIPER

AND

WASHER

SYSTEM

Section	Title
A	Windshield Wiper and Washer System Removal and Installation

SECTION A

WINDSHIELD WIPERS ALL SERIES

CONTENTS

Division	Subject	Paragraph
I	TROUBLE DIAGNOSIS: See 1971 Fisher Body Service Manual	
II	DESCRIPTION AND OPERATION: See 1971 Fisher Body Service Manual	
III	ADJUSTMENTS AND MINOR SERVICE: See 1971 Fisher Body Service Manual	
IV	REMOVAL AND INSTALLATION:	
	43-44000 Series Wiper Motor (Non-Depressed Park)	10-1
	43-44000 Series Wiper Motor (Depressed Park)	10-2
	45-46-48-49000 Series Wiper Motor	10-3
	Washer Pump Removal (All Depressed Park Systems)	10-4
	43-44000 Wiper Transmission	10-5
	45-46-48-49000 Wiper Transmission	10-6
V	OVERHAUL AND MAJOR SERVICE: See 1971 Fisher Body Service Manual	
VI	SPECIFICATIONS: See 1971 Fisher Body Service Manual	

DIVISION IV

REMOVAL AND INSTALLATION

10-1 43-44000 SERIES WIPER MOTOR (NON-DEPRESSED)

1. Disconnect battery.
2. Remove cowl screen.
3. Loosen the two (2) nuts on the adjustable motor drive-link at the crank arm and slip driveline 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.
7. To reinstall motor, reverse the above removal procedure.

10-2 43-44000 SERIES WIPER MOTOR (DEPRESSED PARK)

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 driveline 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.
7. To reinstall wiper motor, reverse the removal procedure.

10-3 45-46-48-49000 WIPER MOTOR

1. Disconnect battery.
2. Remove cowl screen.
3. Using a 3/8" socket, loosen two (2) nuts on the wiper transmission driveline to wiper motor cranking arm and slip driveline 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.

6. To reinstall, reverse removal procedure.

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

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

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.
5. To install washer pump, reverse removal procedure. 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.

10-5 43-44000 SERIES WIPER TRANSMISSION

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 driveline socket bearing at the crank arm and slip driveline 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.
7. To reinstall transmission, reverse the removal procedure.

10-6 45-46-48-49000 SERIES WIPER TRANSMISSION

1. 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.

6. To reinstall transmission assembly, reverse removal procedure.

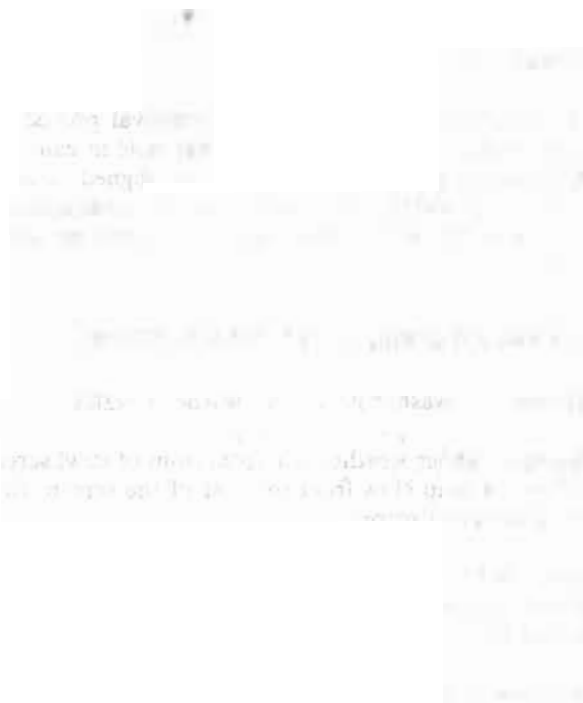
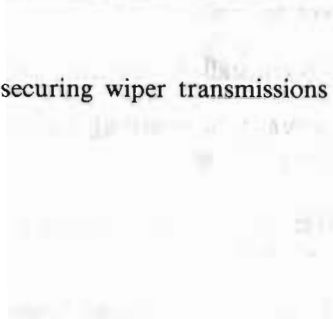
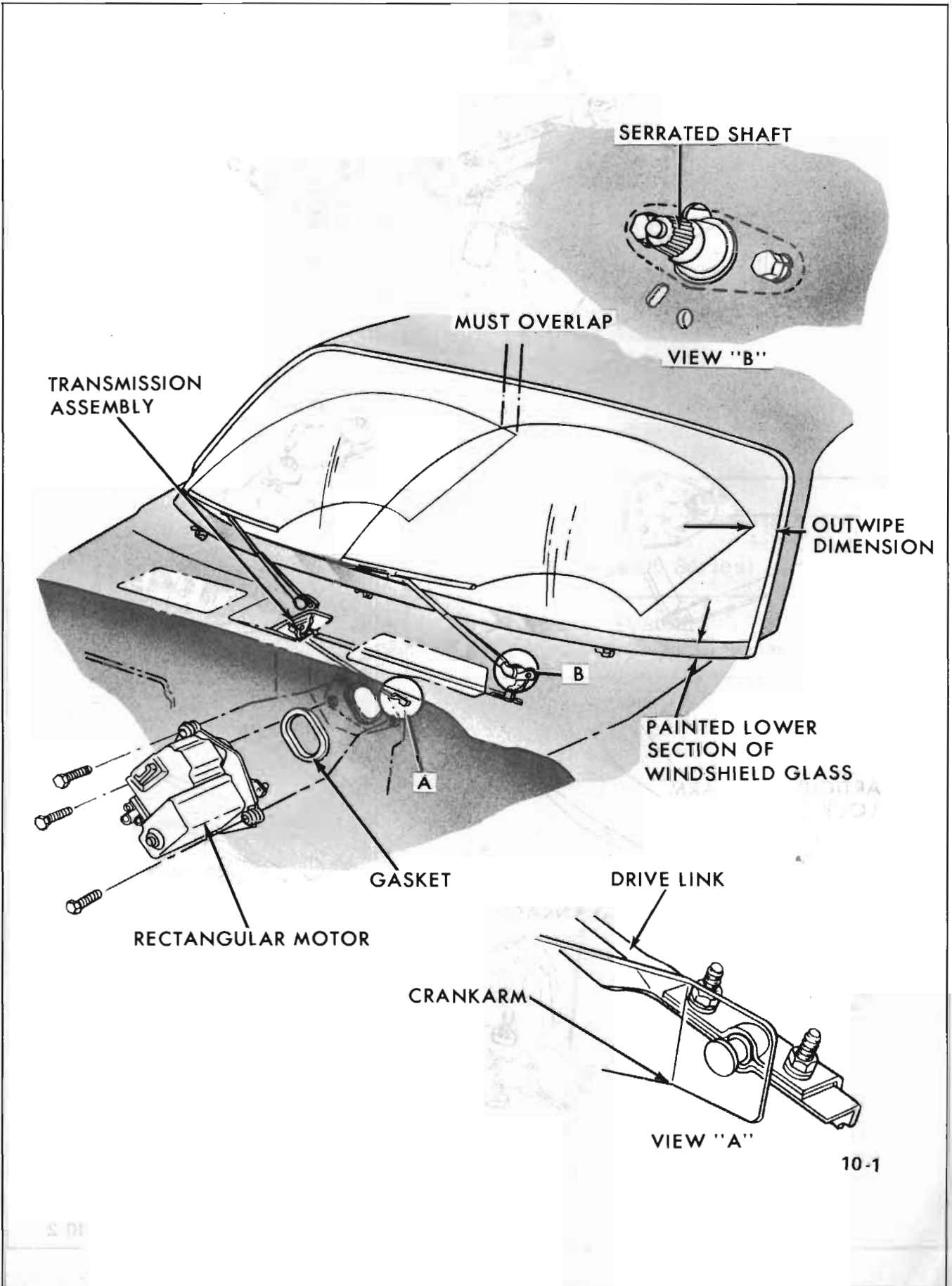


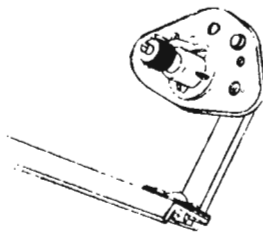
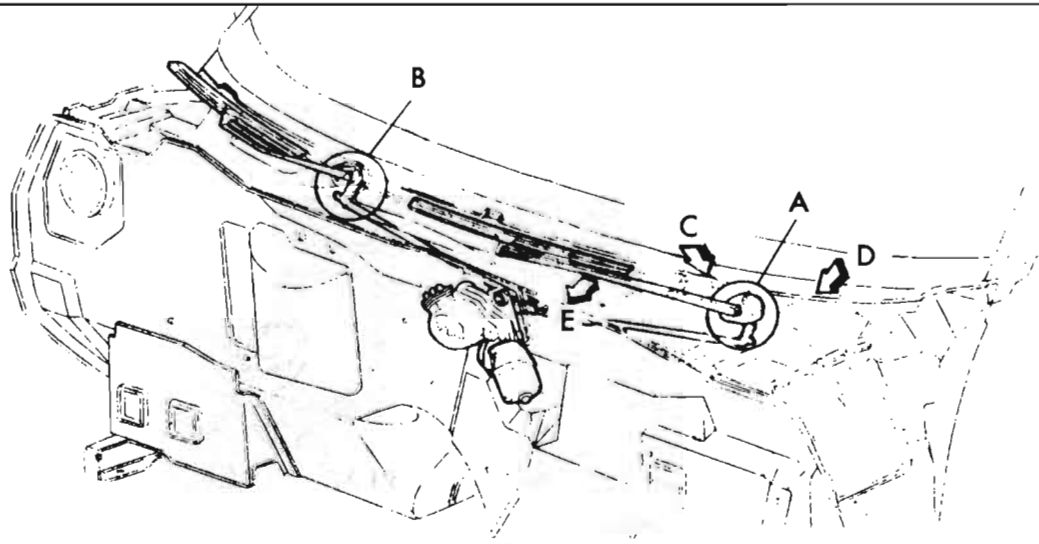
FIGURE 10-43. WIPER MOTOR ASSEMBLY



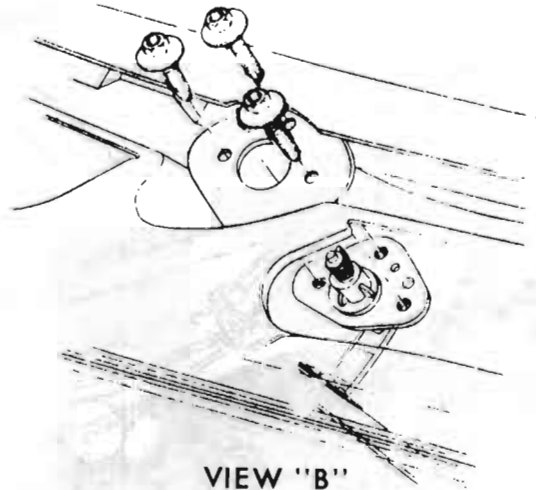
FIGURE 10-44. WIPER MOTOR ASSEMBLY

7. To remove the wiper motor assembly, disconnect the electrical wires and remove the mounting bolts. To install the wiper motor assembly, reverse the removal procedure.

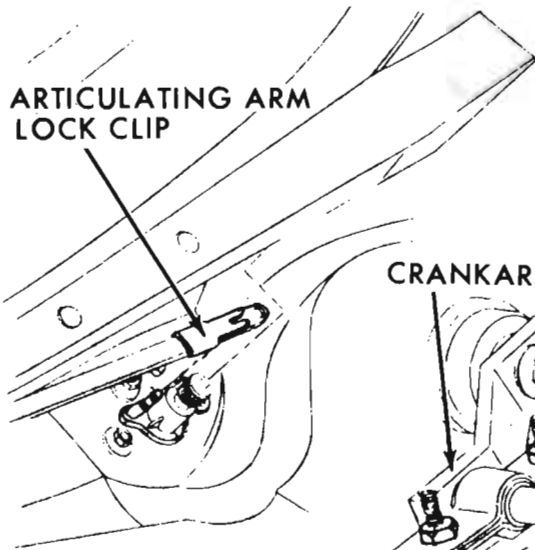




VIEW "A"

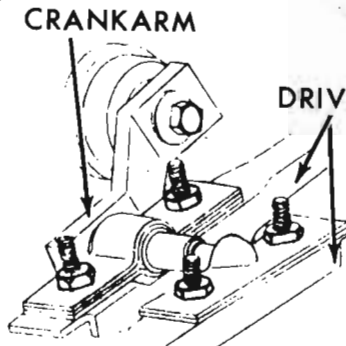


VIEW "B"



ARTICULATING ARM
LOCK CLIP

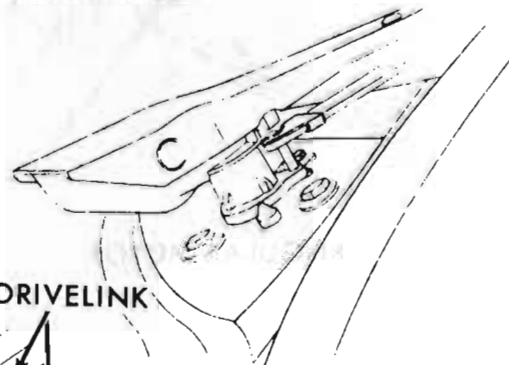
VIEW "C"



CRANKARM

DRIVELINK

VIEW "E"



VIEW "D"