

WIPER/WASHER SYSTEM

Article Text

1993 Mazda 929

For Techdoc Ltd.

Copyright © 1997 Mitchell International

Thursday, March 25, 1999 12:18AM

ARTICLE BEGINNING

1993 ACCESSORIES/SAFETY EQUIPMENT

Mazda Wiper/Washer Systems

929

DESCRIPTION & OPERATION

929 is equipped with a 2-speed wiper motor with an optional intermittent wiper feature.

ADJUSTMENTS

FRONT WIPER ARM ADJUSTMENT

Ensure wiper motor is in park position. Position wiper arm and blade assembly so tip of blade is specified distance above front window trim. See FRONT WIPER ADJUSTMENT SPECIFICATIONS table.

FRONT WIPER ADJUSTMENT SPECIFICATIONS TABLE

XX			
Model	Driver's Side		Passenger's Side
Concealed (1)	1.2" (30 mm) 1.4" (35 mm)
Semi-Concealed (2)7" (17 mm)2 (6 mm)

(1) - Distance measured from edge of cowl grille.

(2) - Distance measured from edge of ceramic trim below windshield.

XX

TESTING

FRONT WIPER MOTOR CONTINUITY TEST

NOTE: Refer to Fig. 1 when conducting the following tests.

Place wiper motor in park position. Ensure continuity exists between terminals "A", "B" and "C". With motor in other than Auto-Stop or park position, continuity should exist between terminals "A" and "C", and between terminals "B" and "D".

FRONT WIPER MOTOR LOW SPEED TEST

NOTE: Refer to Fig. 1 when conducting the following tests.

Connect battery voltage to wiper motor terminal "C". Connect ground to wiper motor housing. Motor should run at low speed.

FRONT WIPER MOTOR HIGH SPEED TEST

WIPER/WASHER SYSTEM

Article Text (p. 2)

1993 Mazda 929

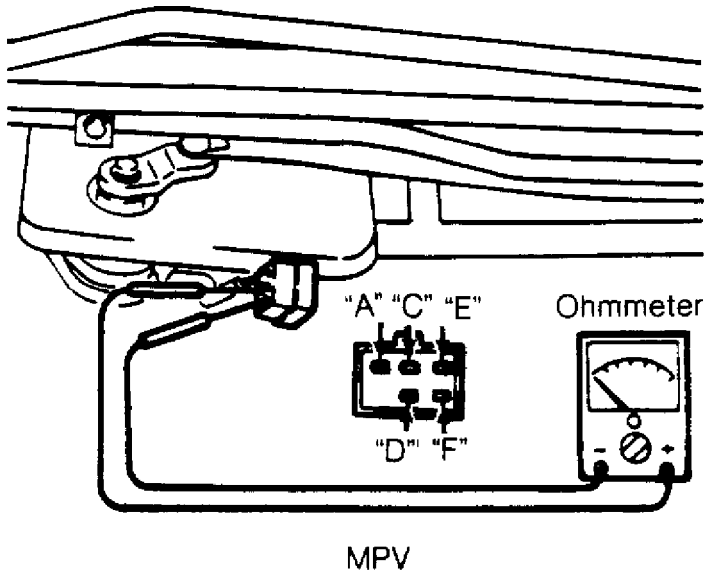
For Techdoc Ltd.

Copyright © 1997 Mitchell International

Thursday, March 25, 1999 12:18AM

NOTE: Refer to Fig. 1 when conducting the following tests.

Connect battery voltage to wiper motor terminal "A". Connect ground to wiper motor housing. Motor should run at high speed.



93B02429

Fig. 1: Wiper Motor Terminal ID
Courtesy of Mazda Motors Corp.

FRONT WIPER RELAY

NOTE: Intermittent wiper relay is incorporated into wiper switch.
See COMBINATION SWITCH in STEERING COLUMN SWITCHES article in the ACCESSORIES/SAFETY EQUIPMENT section.

FRONT WIPER SWITCH TEST

NOTE: See COMBINATION SWITCH in STEERING COLUMN SWITCHES article in the ACCESSORIES/SAFETY EQUIPMENT section.

REMOVAL & INSTALLATION

FRONT WIPER MOTOR

CAUTION: DO NOT remove wiper motor arm unless necessary. If wiper motor arm removal is necessary, mark wiper arm position on adapter plate or motor housing for reassembly.

Removal & Installation

WIPER/WASHER SYSTEM

Article Text (p. 3)

1993 Mazda 929

For Techdoc Ltd.

Copyright © 1997 Mitchell International

Thursday, March 25, 1999 12:18AM

1) Wiper motor is located on engine compartment firewall. Disconnect negative battery cable. Remove wiper arms and cowl grille (if necessary). Remove wiper motor cover (if necessary).

2) Remove electrical connector. Remove wiper motor or wiper motor bracket attaching bolts. Move motor and adapter plate out slightly. Separate wiper arm/link pivot joint and remove motor. To install, reverse removal procedure.

FRONT WIPER SWITCH

NOTE: See COMBINATION SWITCH in STEERING COLUMN SWITCHES article in the ACCESSORIES/SAFETY EQUIPMENT section.

WIRING DIAGRAMS

Refer to WIRING DIAGRAMS article in WIRING DIAGRAMS section.

END OF ARTICLE