

# AIR CONDITIONING

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

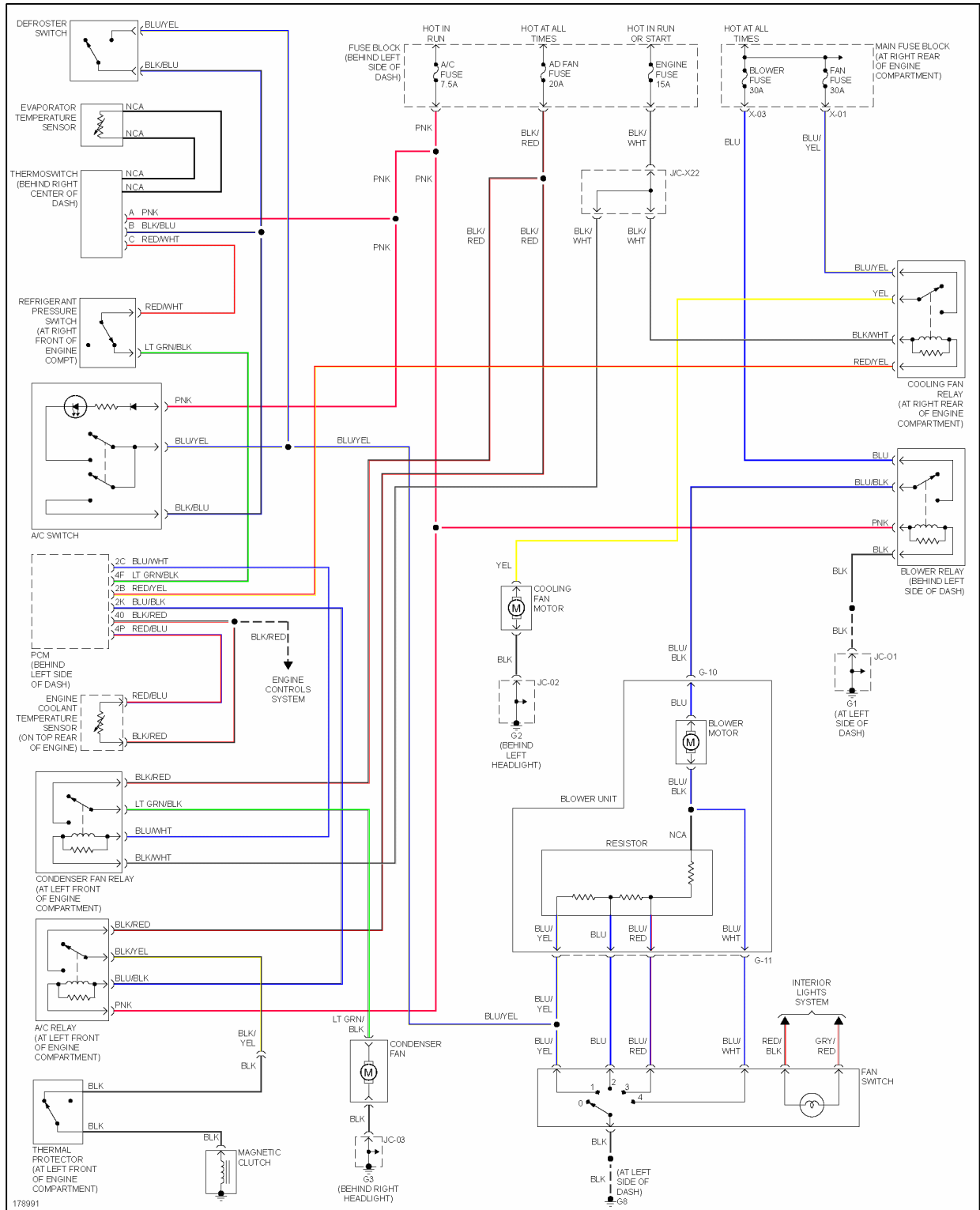
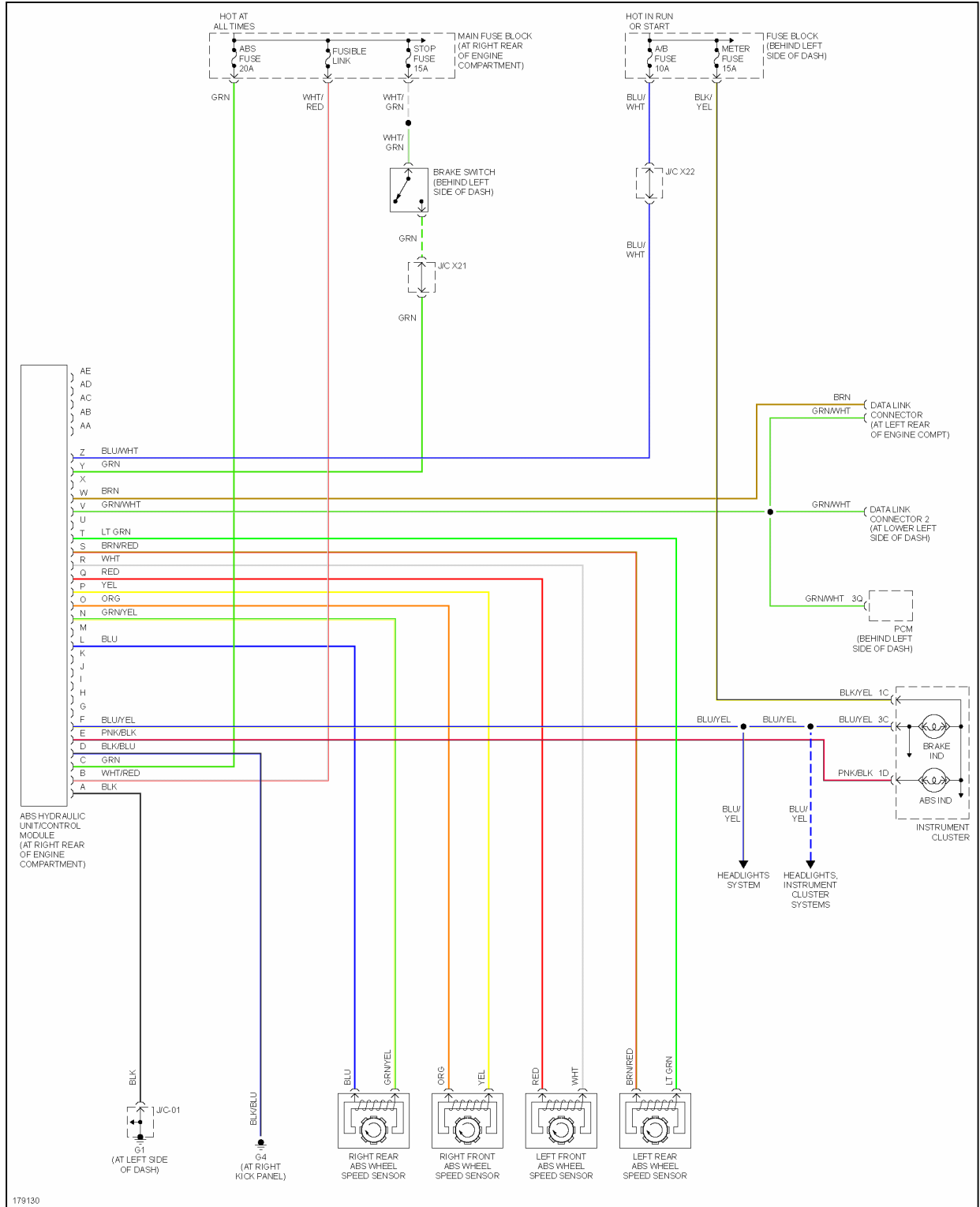


Fig. 1: Manual A/C Circuit

### ANTI-LOCK BRAKES

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

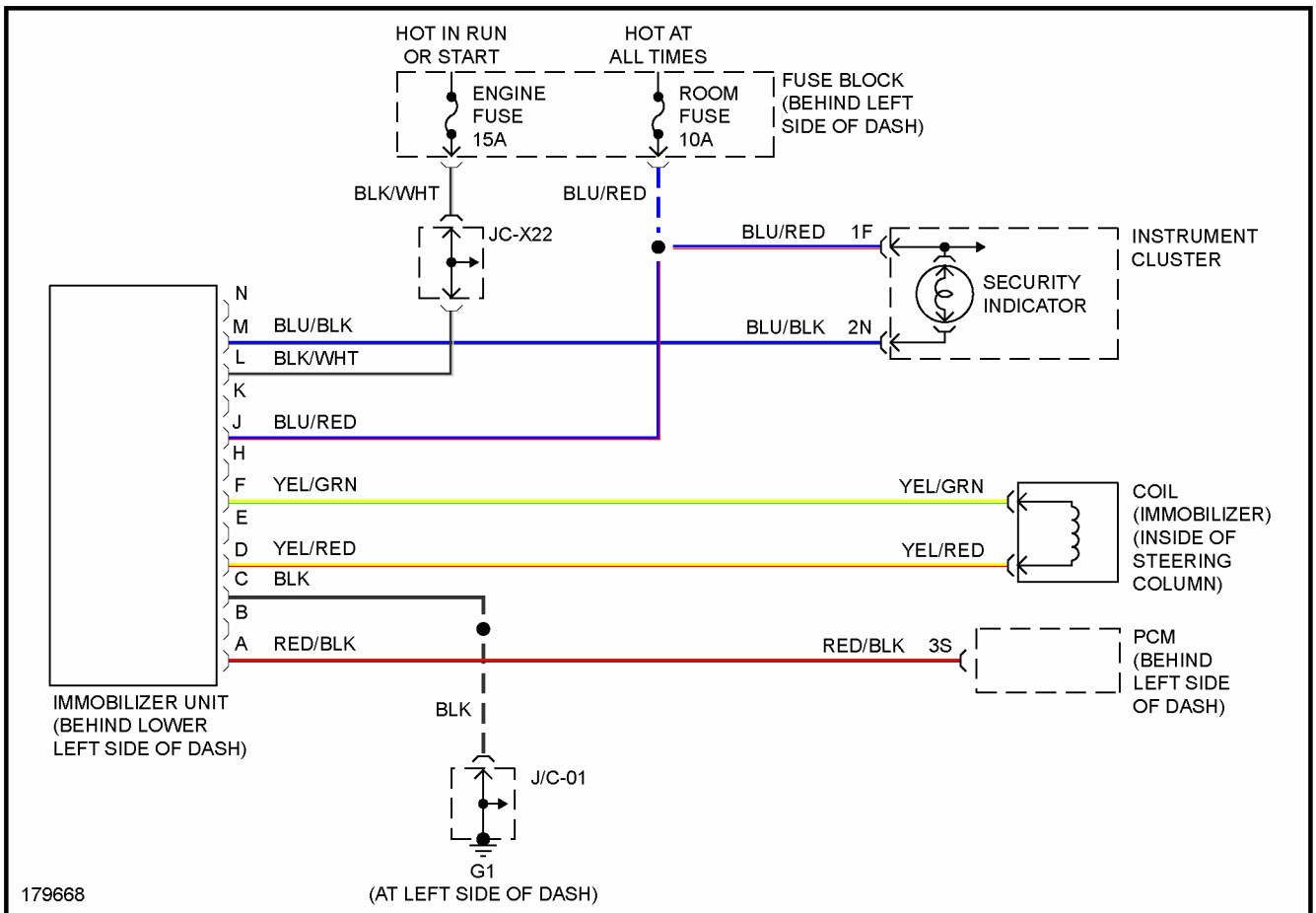


**Fig. 2: Anti-lock Brakes Circuit**

**ANTI-THEFT**

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 3: Immobilizer Circuit**

### COMPUTER DATA LINES

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

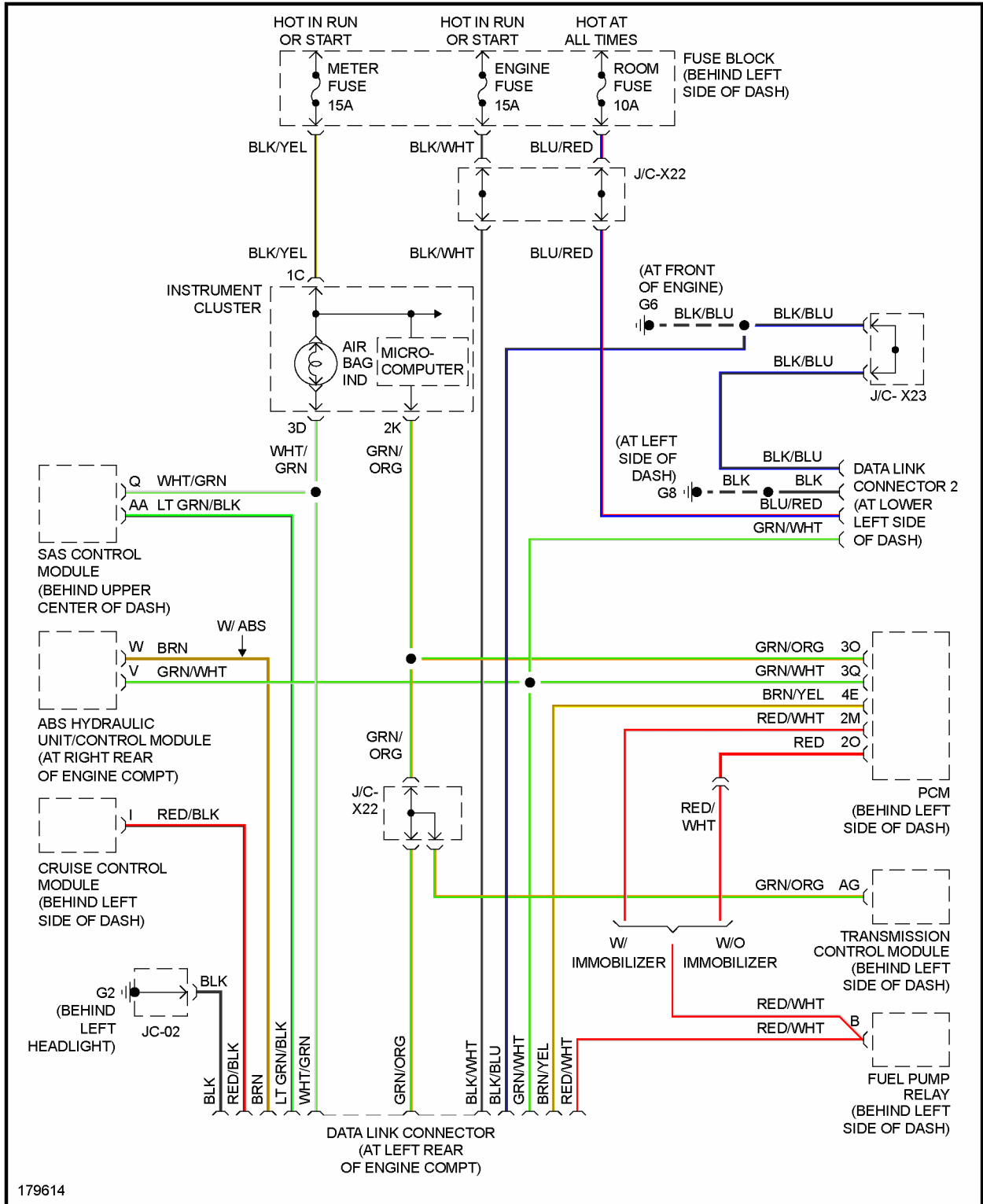


Fig. 4: Computer Data Lines Circuit

### COOLING FAN

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

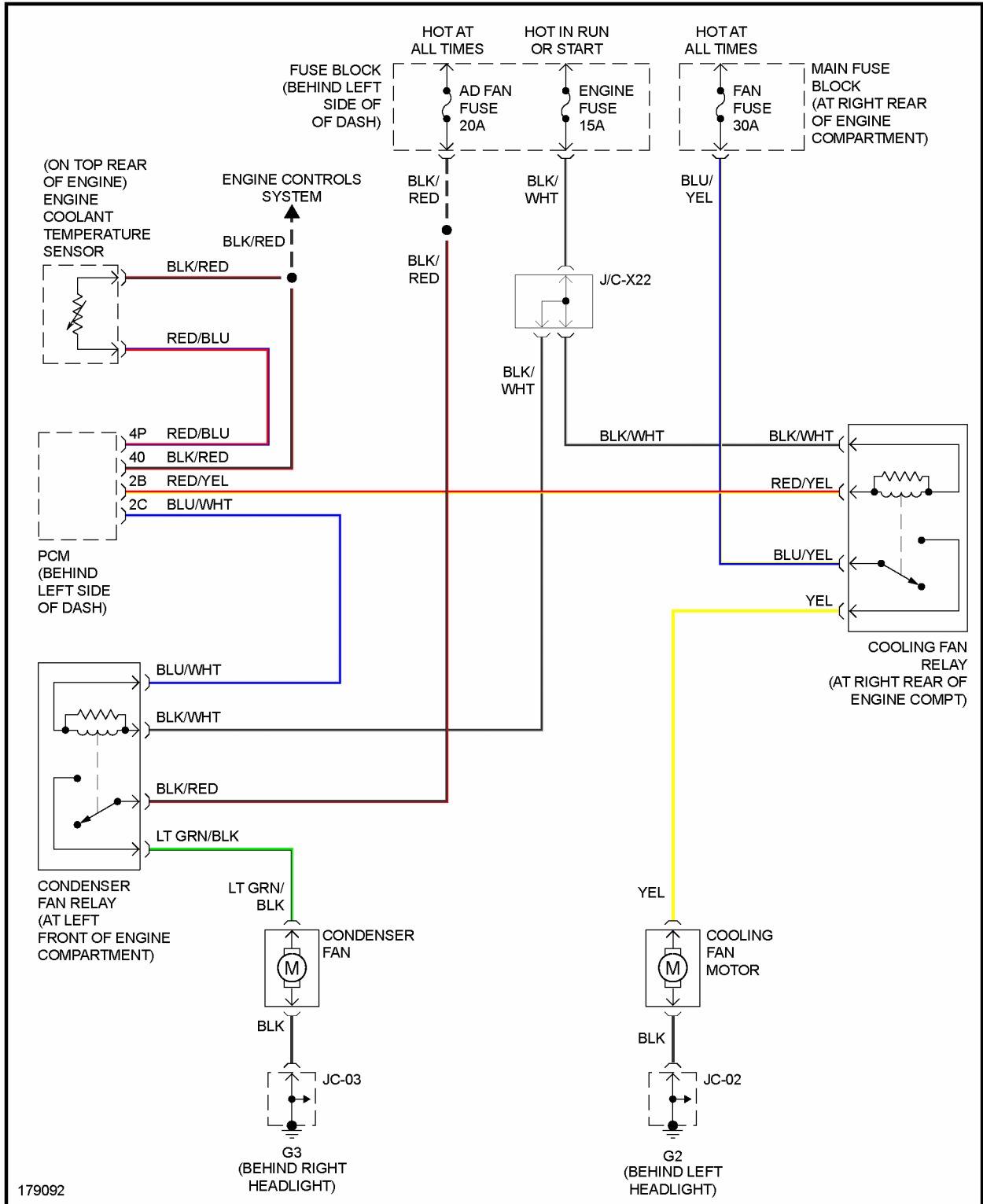
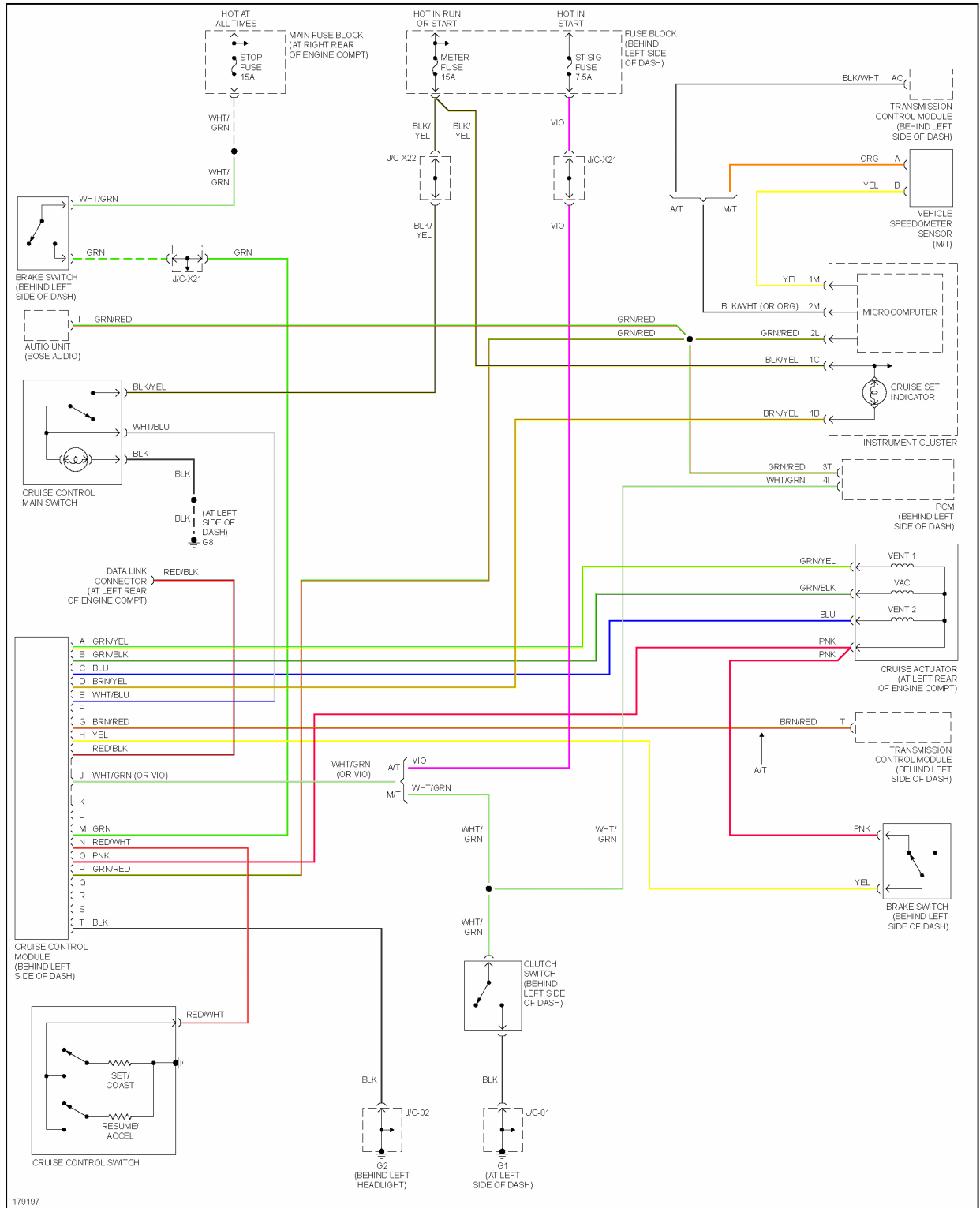


Fig. 5: Cooling Fan Circuit

### CRUISE CONTROL

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 6: Cruise Control Circuit**

**DEFOGGERS**

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

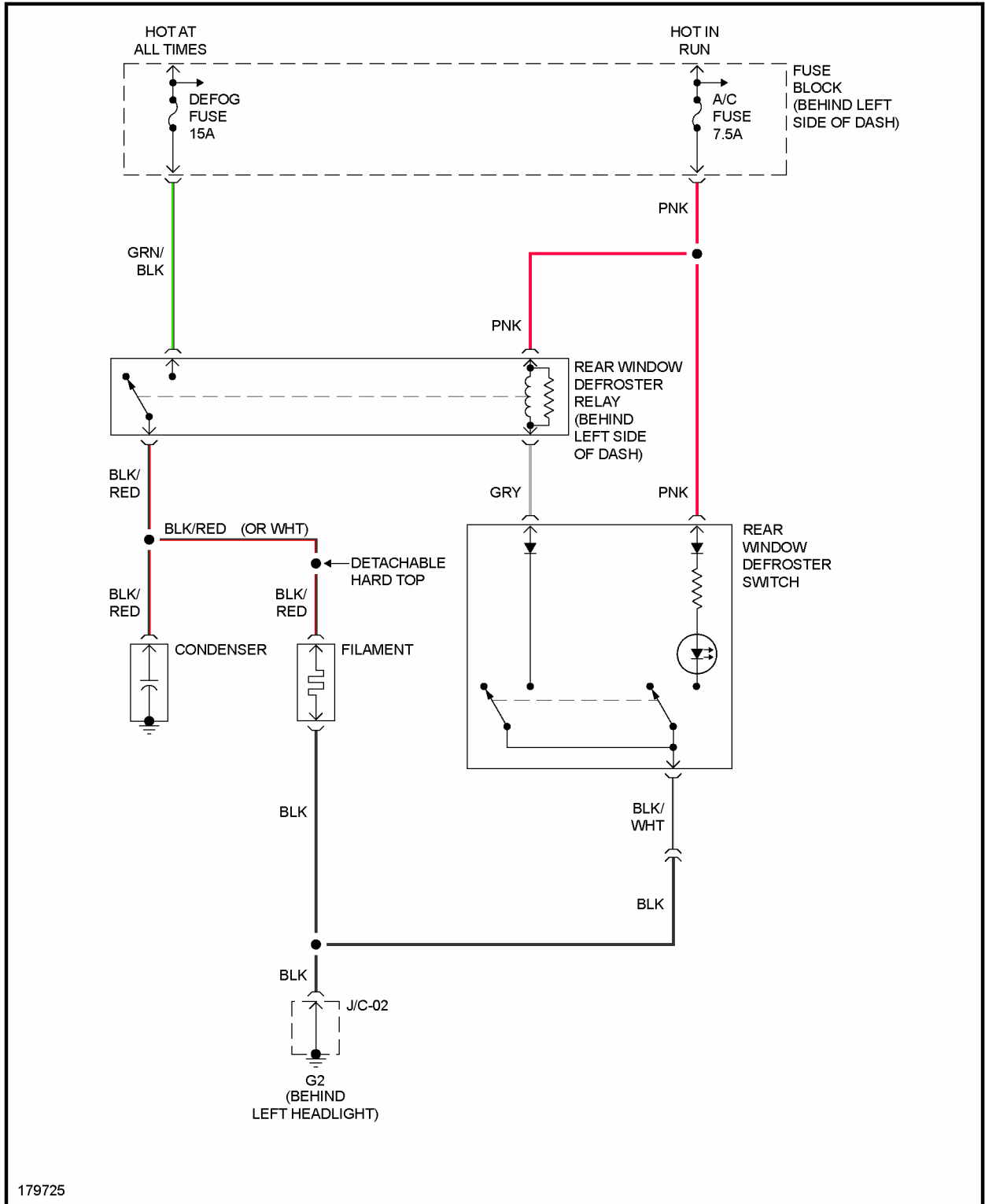


Fig. 7: Defoggers Circuit



# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

1.8L

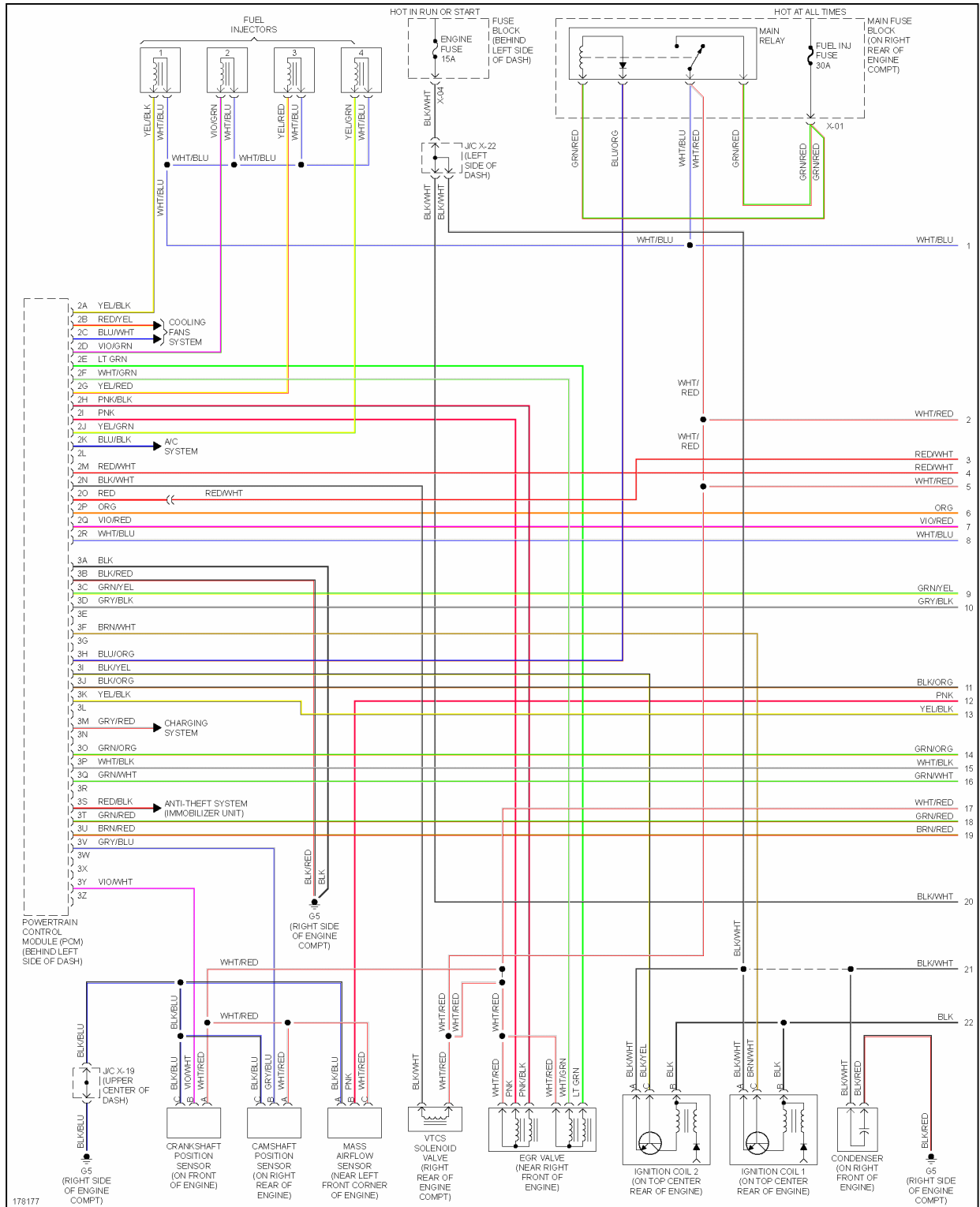


Fig. 8: 1.8L, Engine Performance Circuit (1 of 3)

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

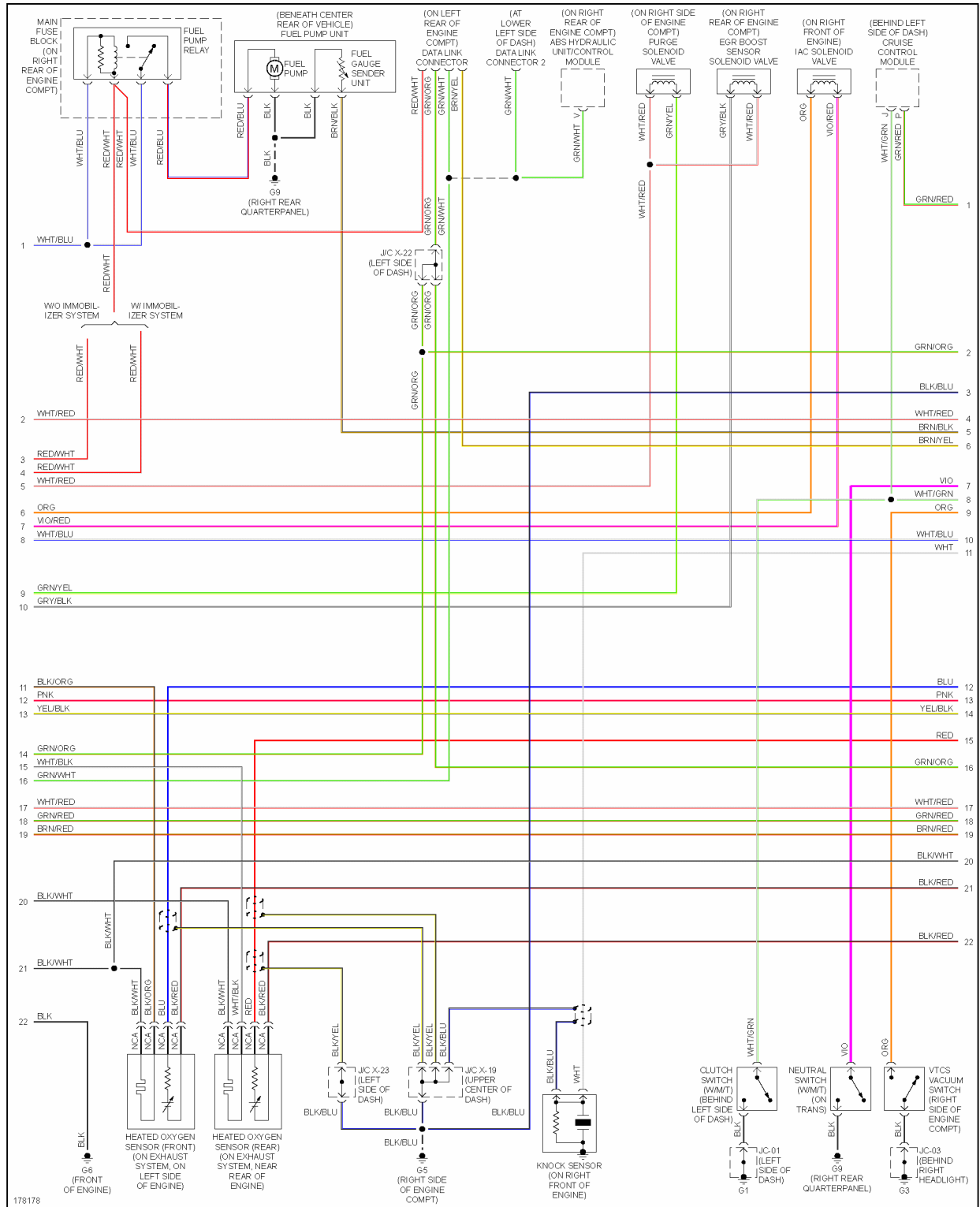


Fig. 9: 1.8L, Engine Performance Circuit (2 of 3)

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

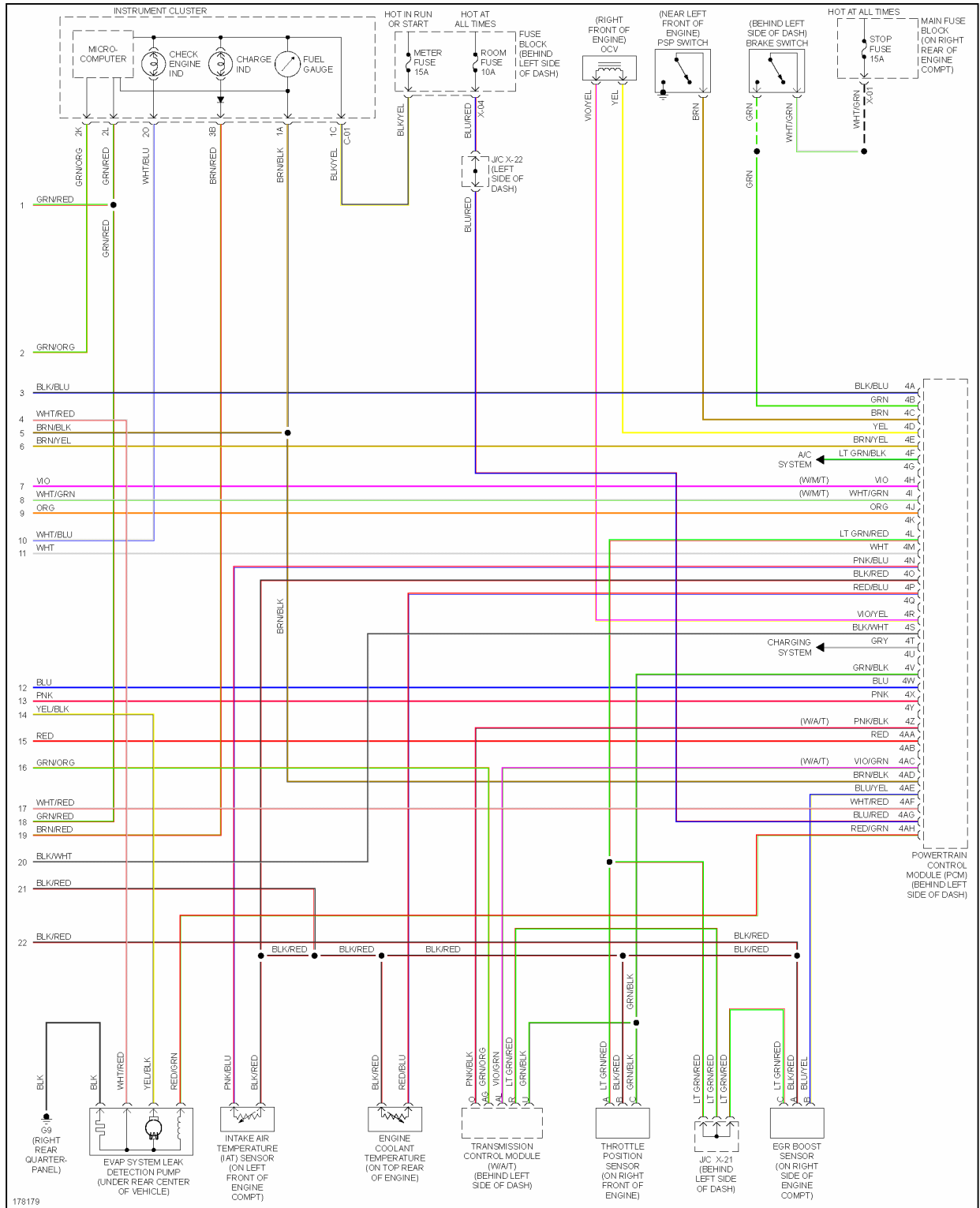
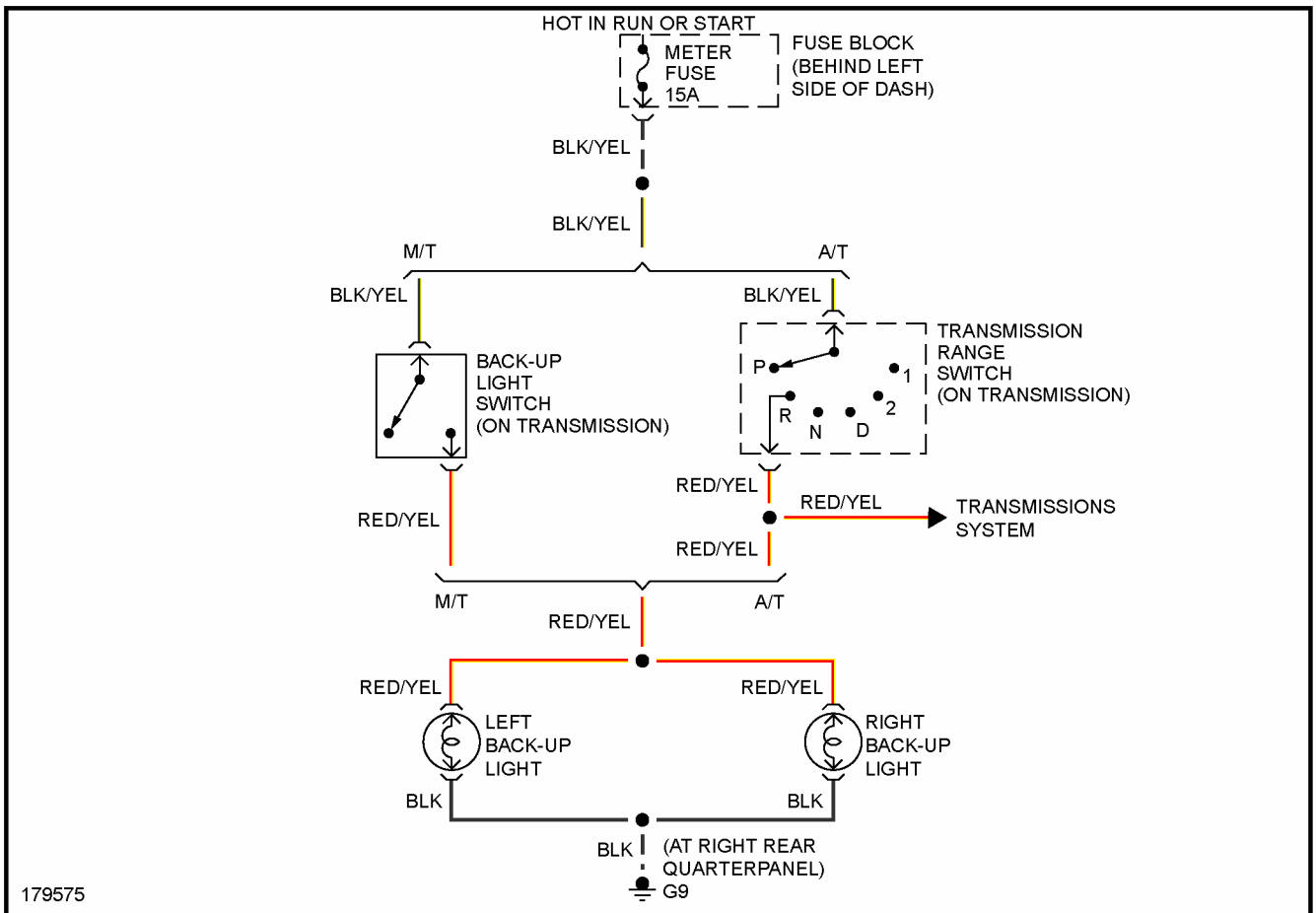


Fig. 10: 1.8L, Engine Performance Circuit (3 of 3)

### EXTERIOR LIGHTS

# 2003 Mazda MX-5 Miata

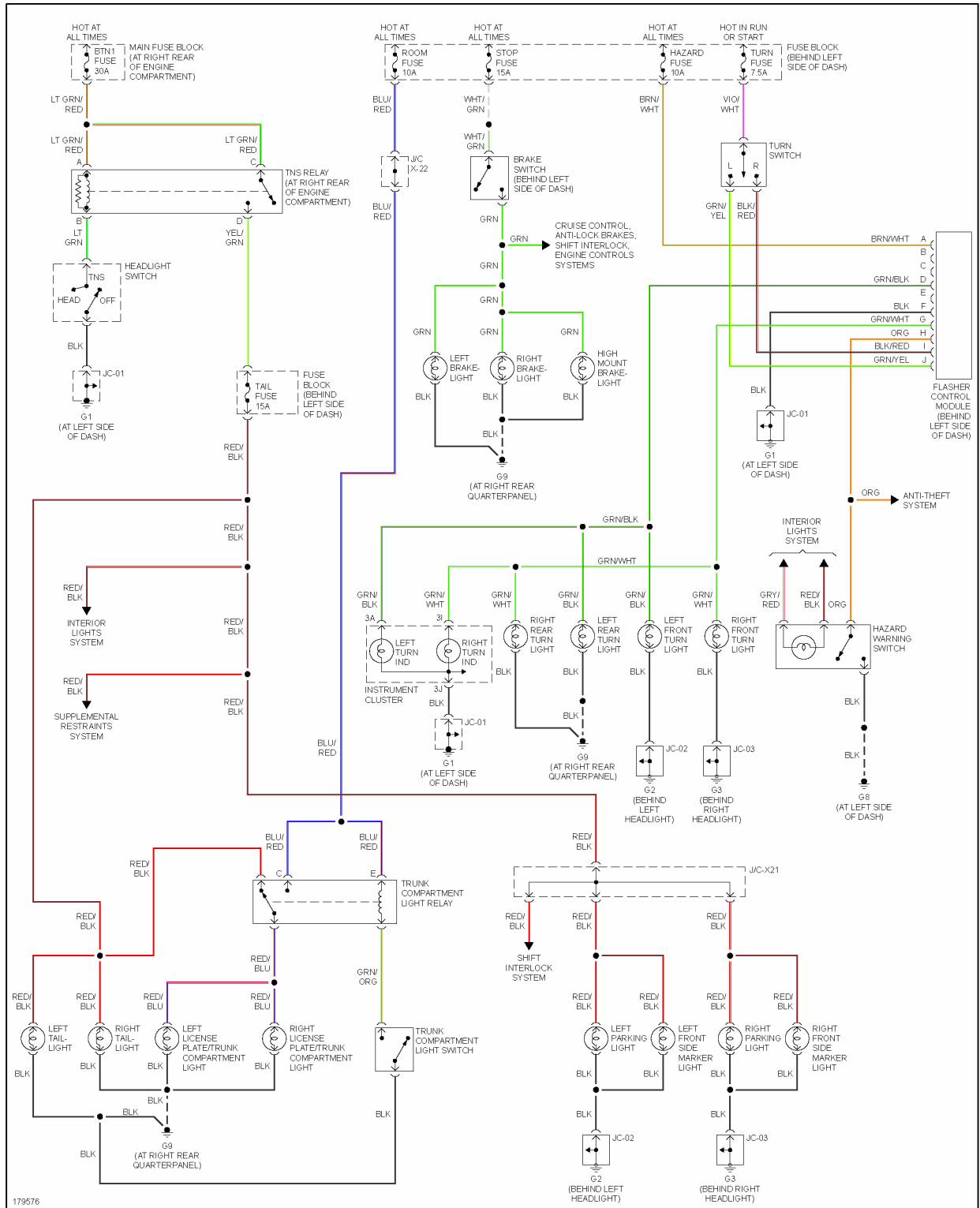
## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 11: Back-up Lamps Circuit**

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 12: Exterior Lamps Circuit**

### GROUND DISTRIBUTION

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

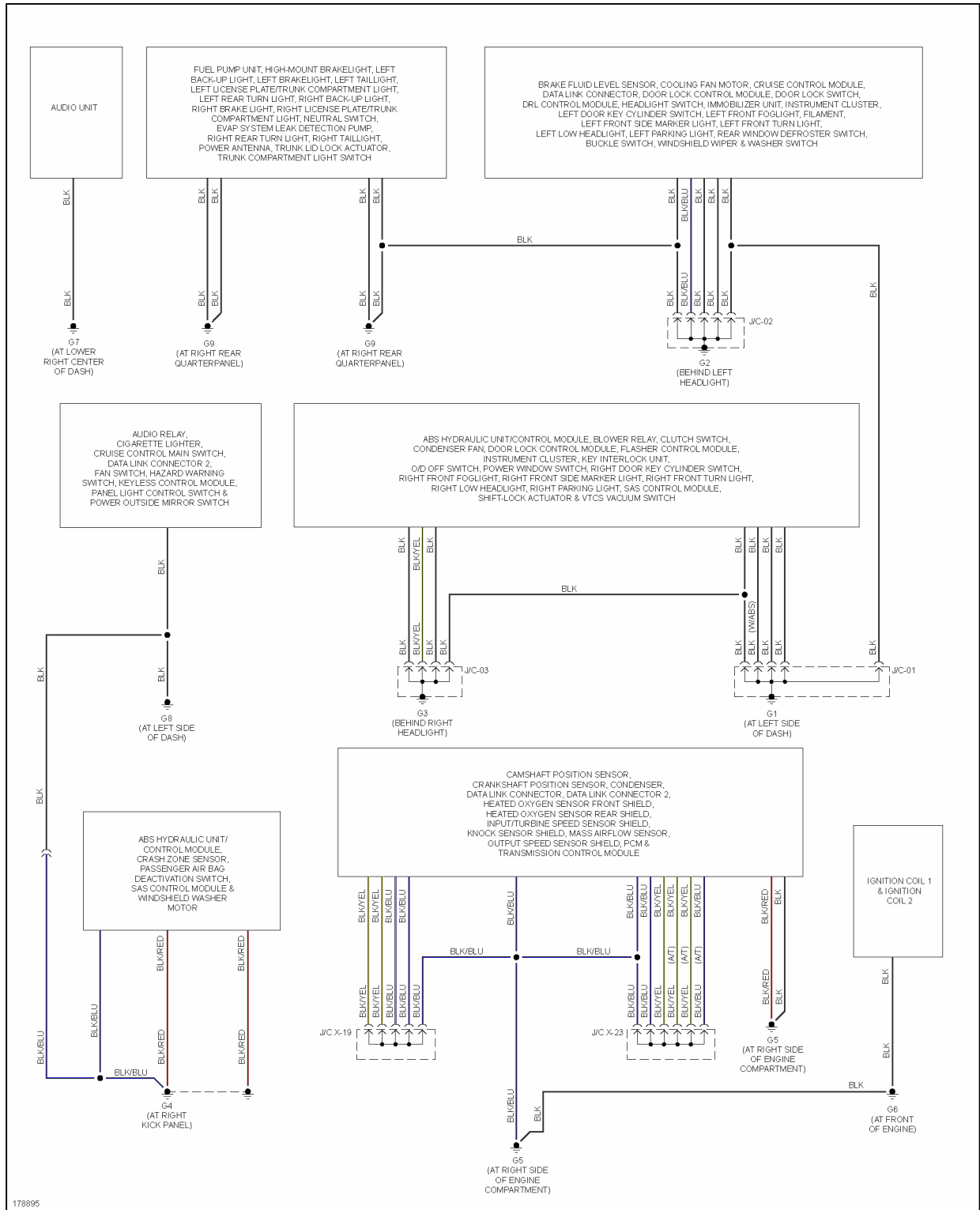


Fig. 13: Ground Distribution Circuit

### HEADLIGHTS

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

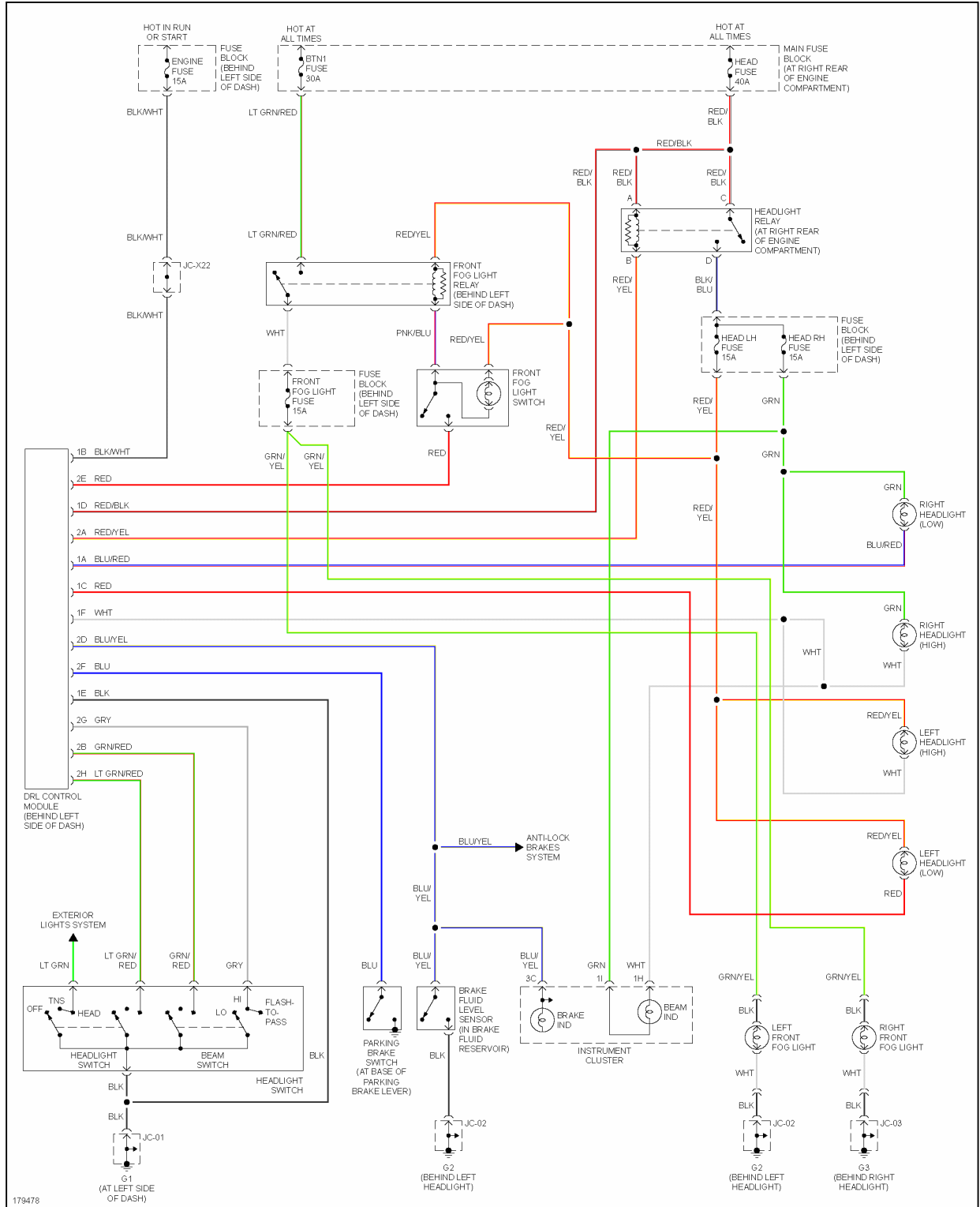


Fig. 14: Headlights Circuit, W/ DRL

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

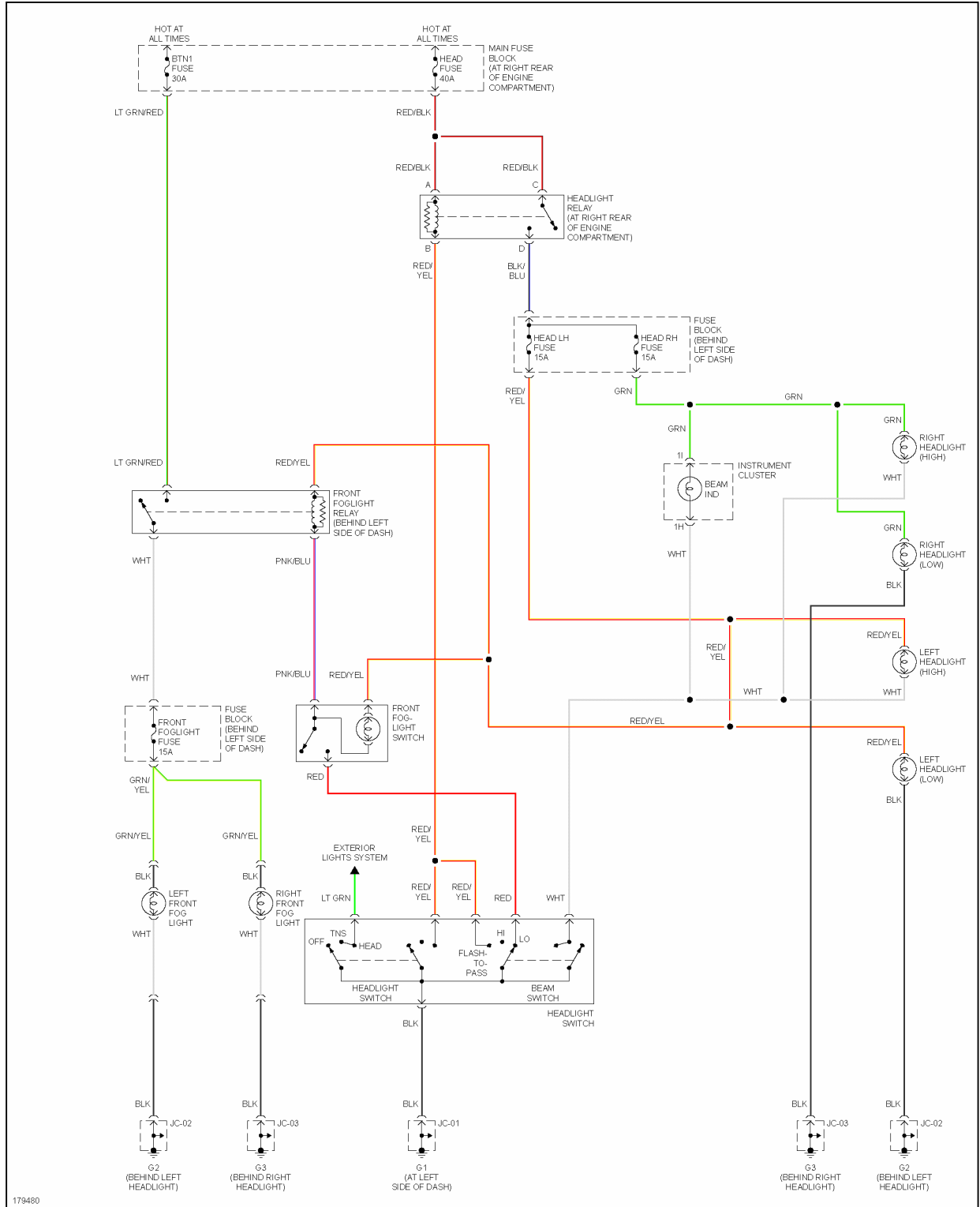


Fig. 15: Headlights Circuit, W/O DRL

### HORN



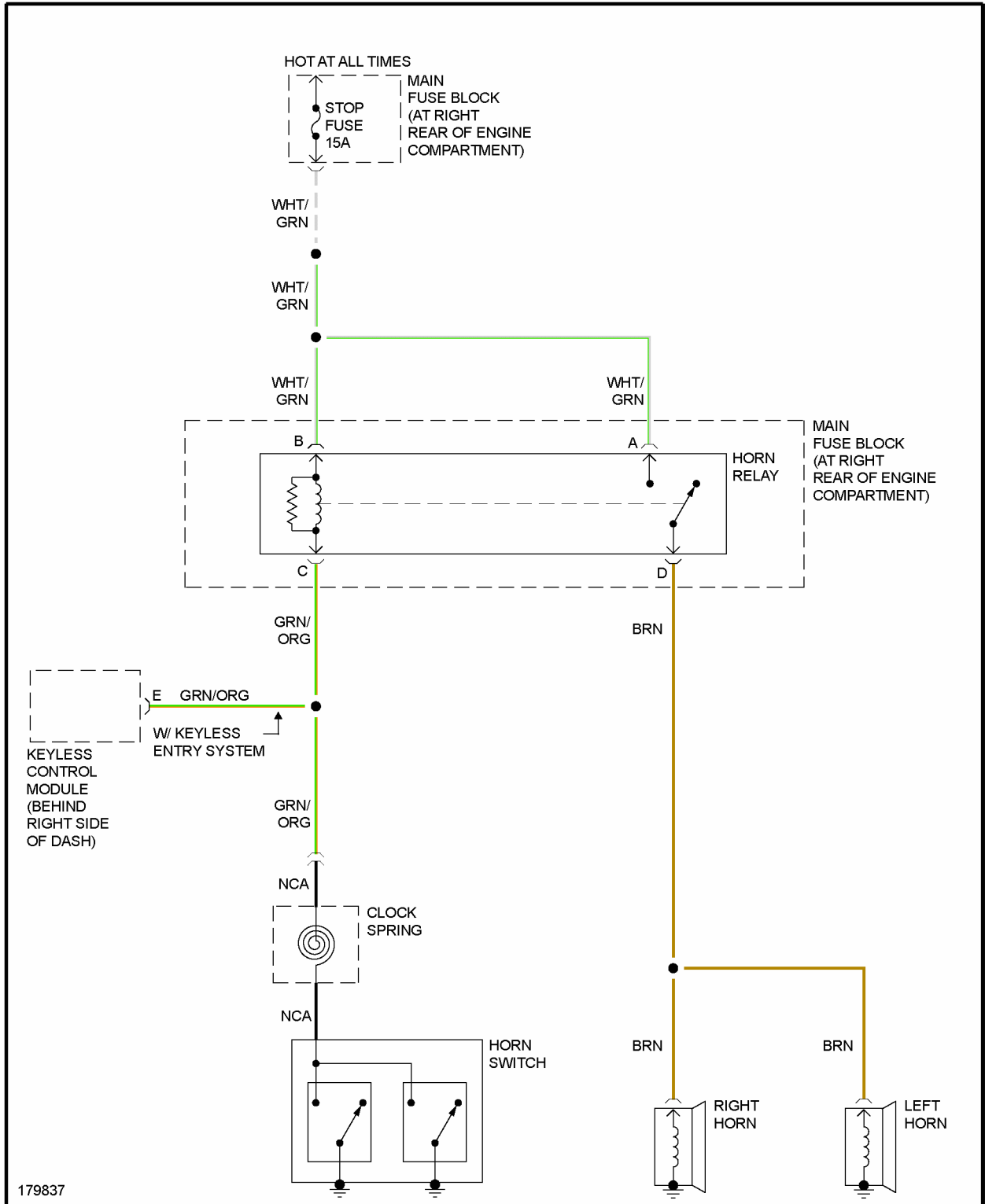
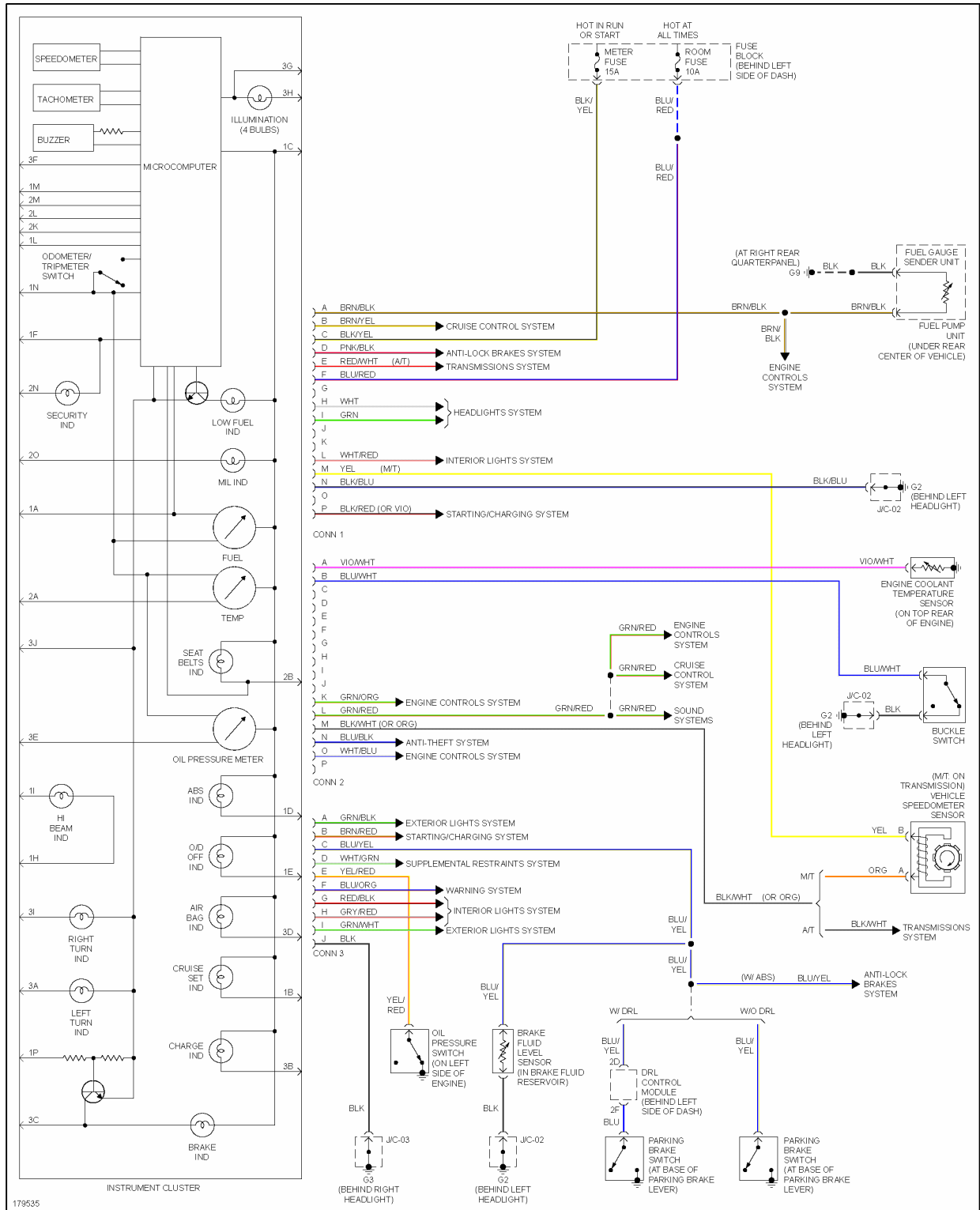


Fig. 16: Horn Circuit

INSTRUMENT CLUSTER

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 17: Instrument Cluster Circuit**

### INTERIOR LIGHTS

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

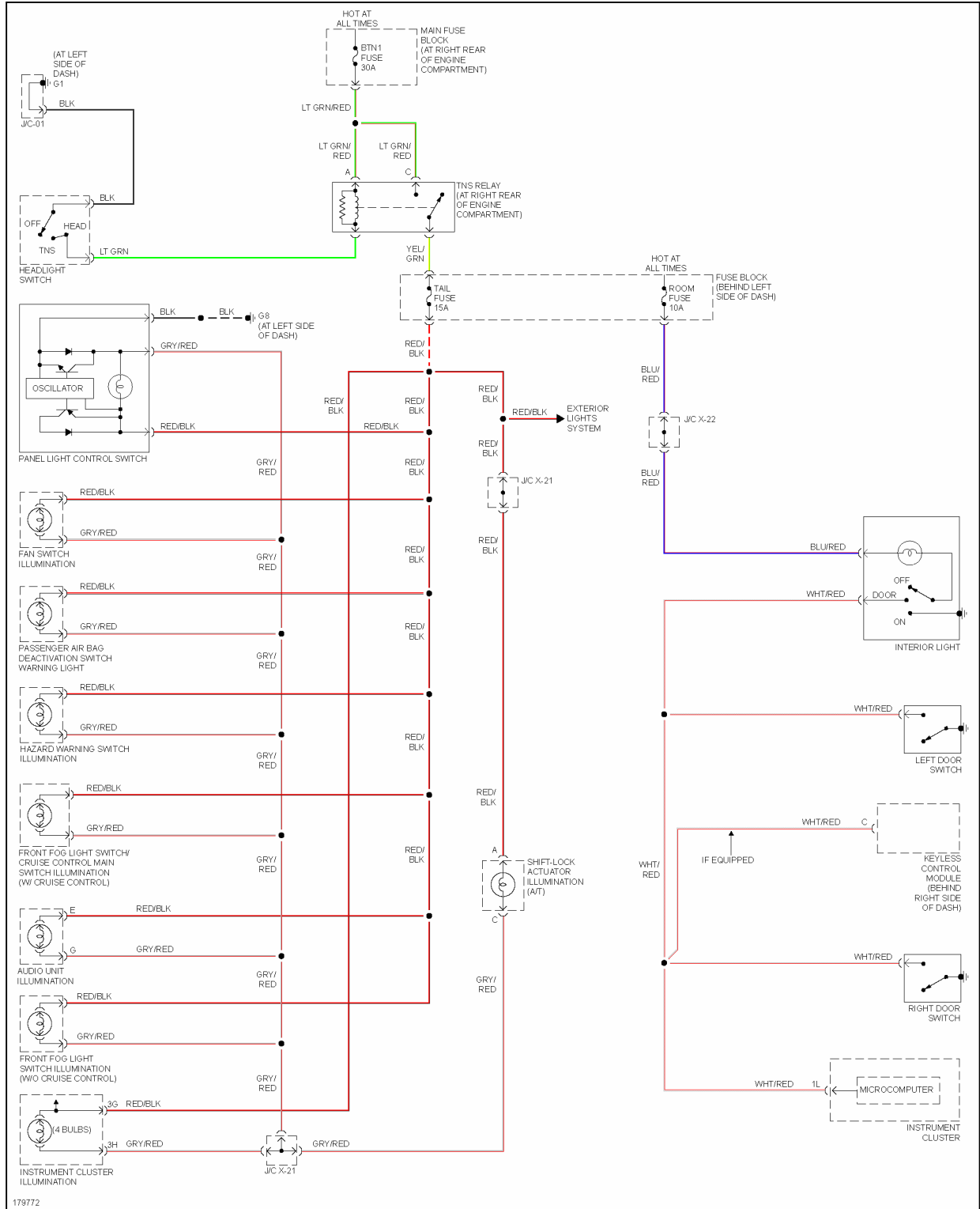
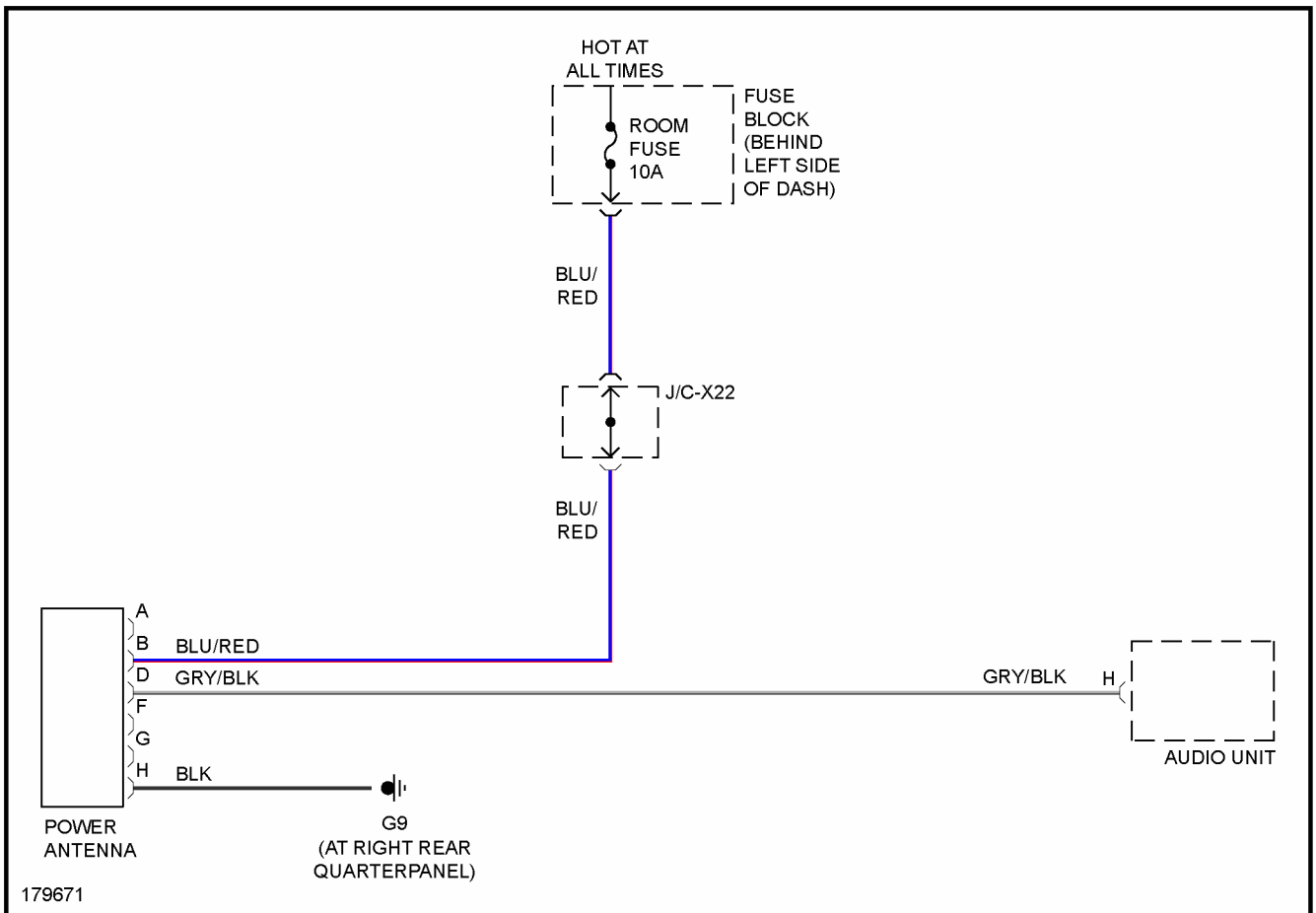


Fig. 18: Interior Lights Circuit

### POWER ANTENNA

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

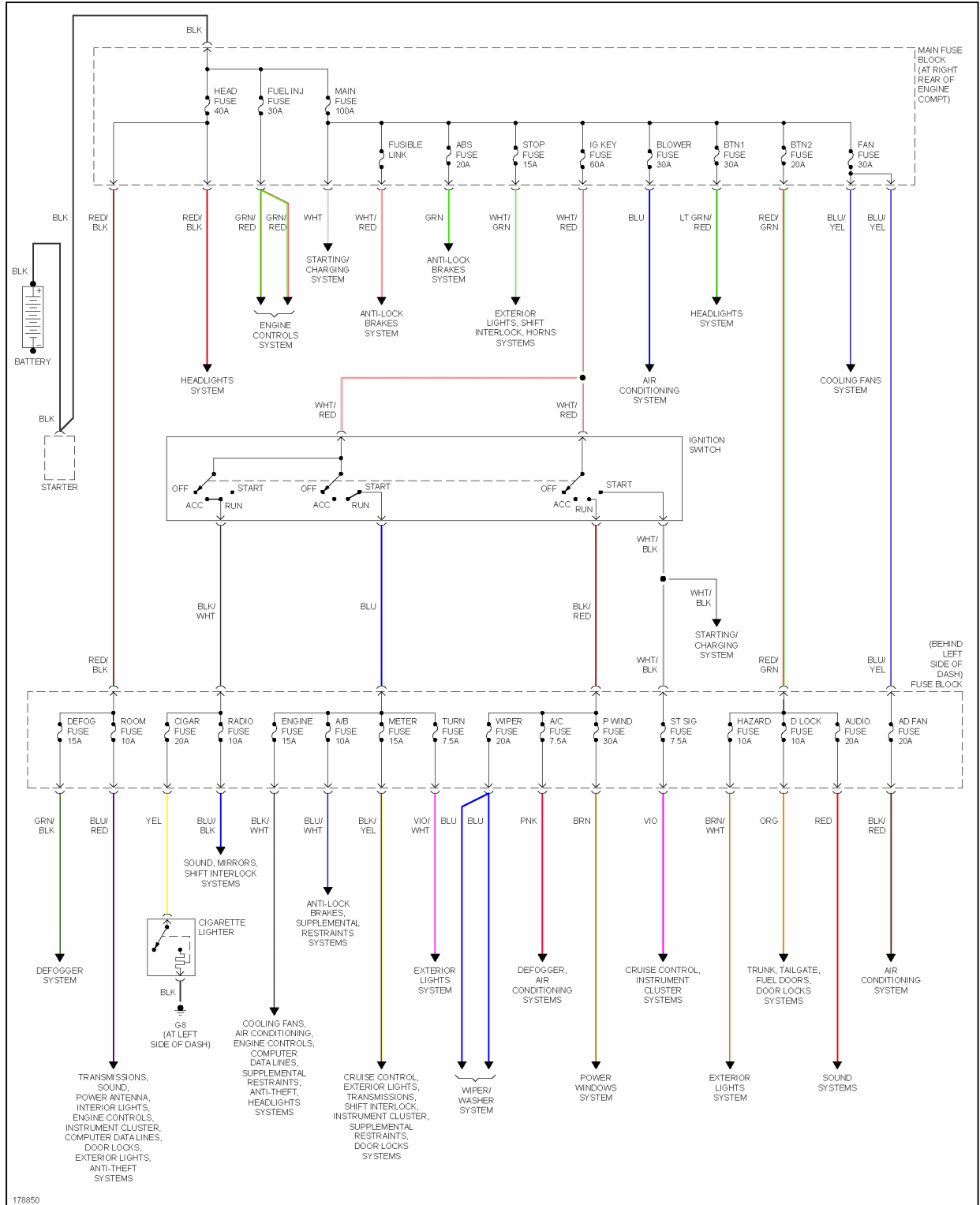


**Fig. 19: Power Antenna Circuit**

### POWER DISTRIBUTION

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

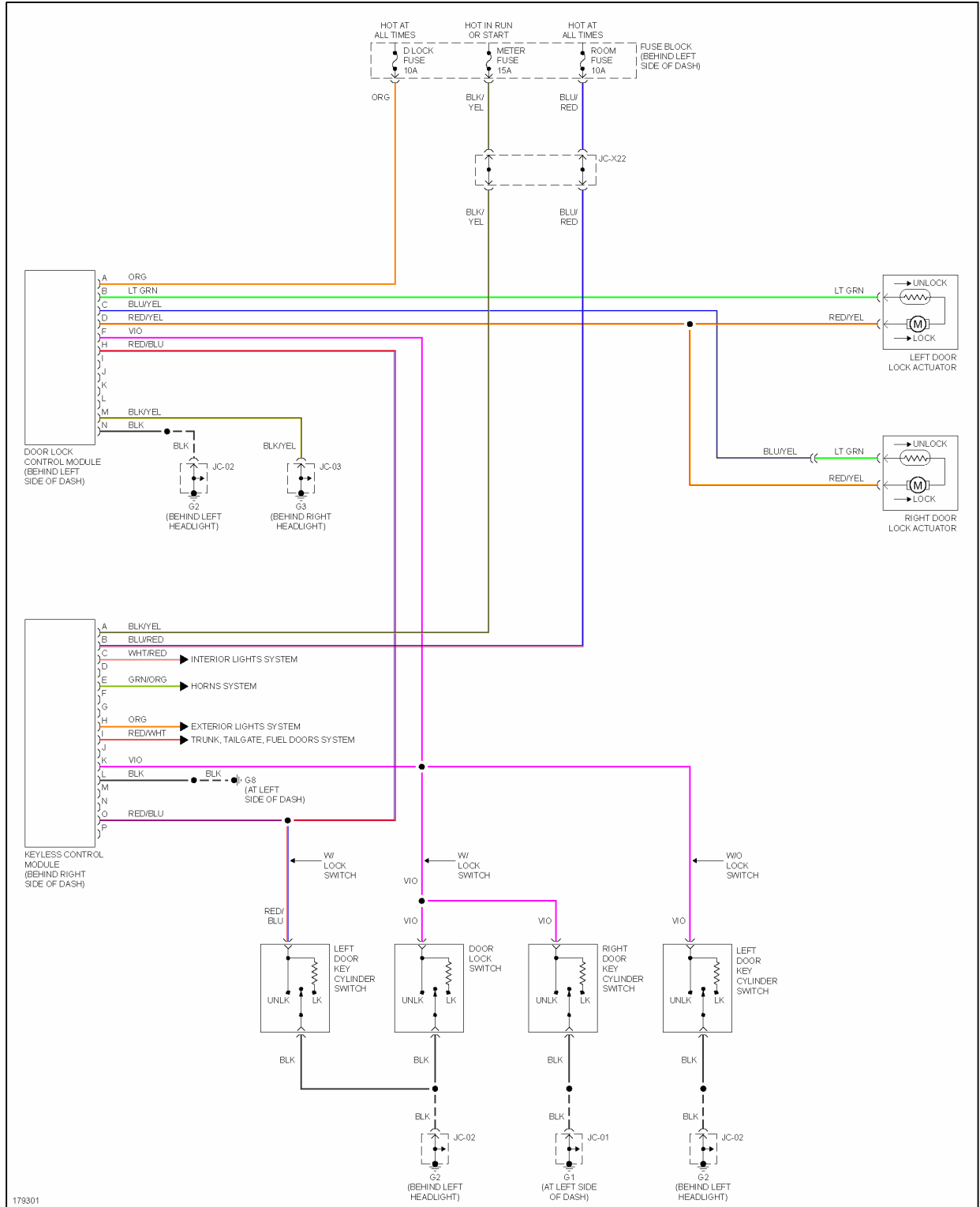


**Fig. 20: Power Distribution Circuit**

### POWER DOOR LOCKS

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 21: Door Lock & Keyless Entry Circuit**

### POWER MIRRORS

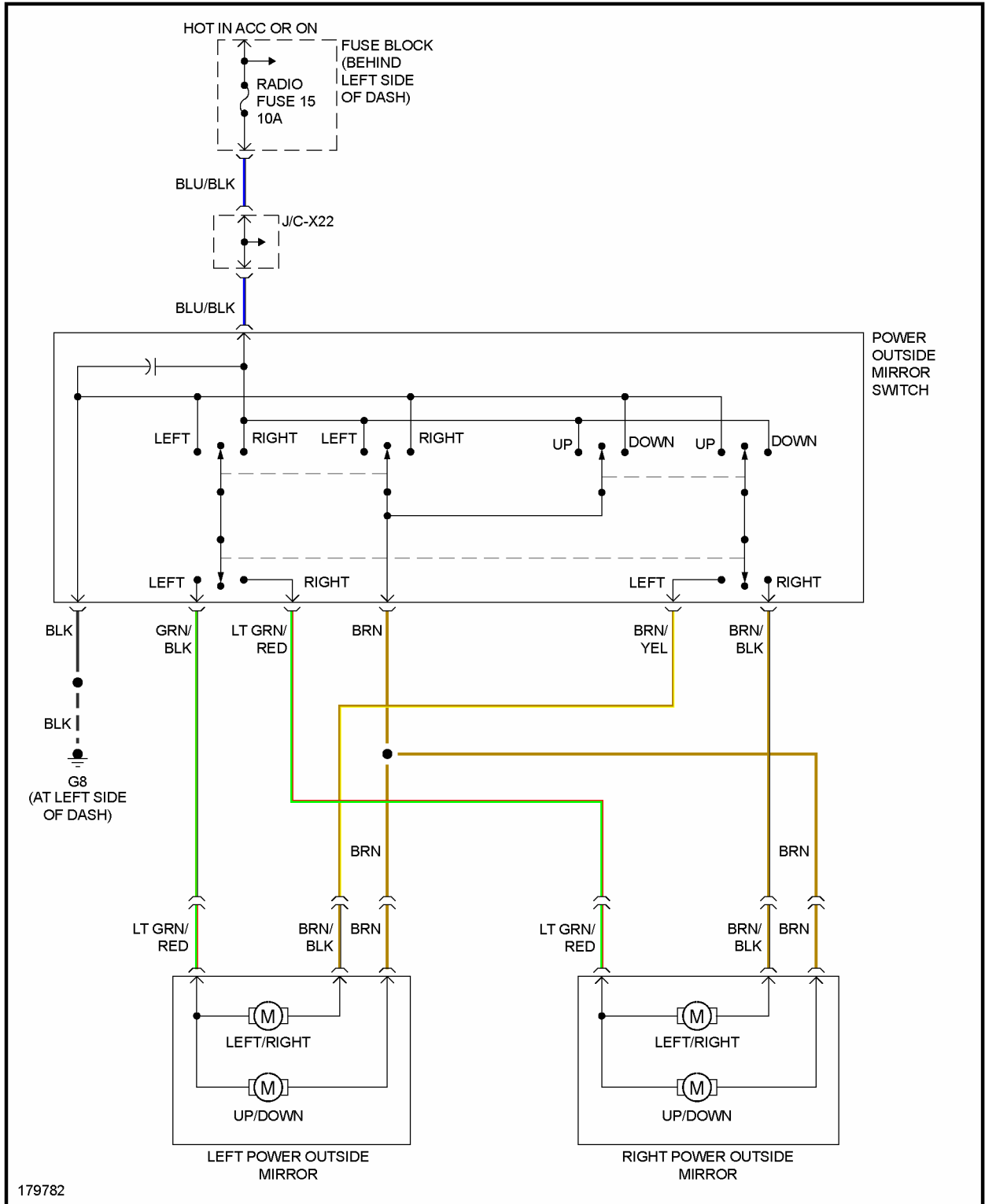


Fig. 22: Power Mirrors Circuit

POWER WINDOWS

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

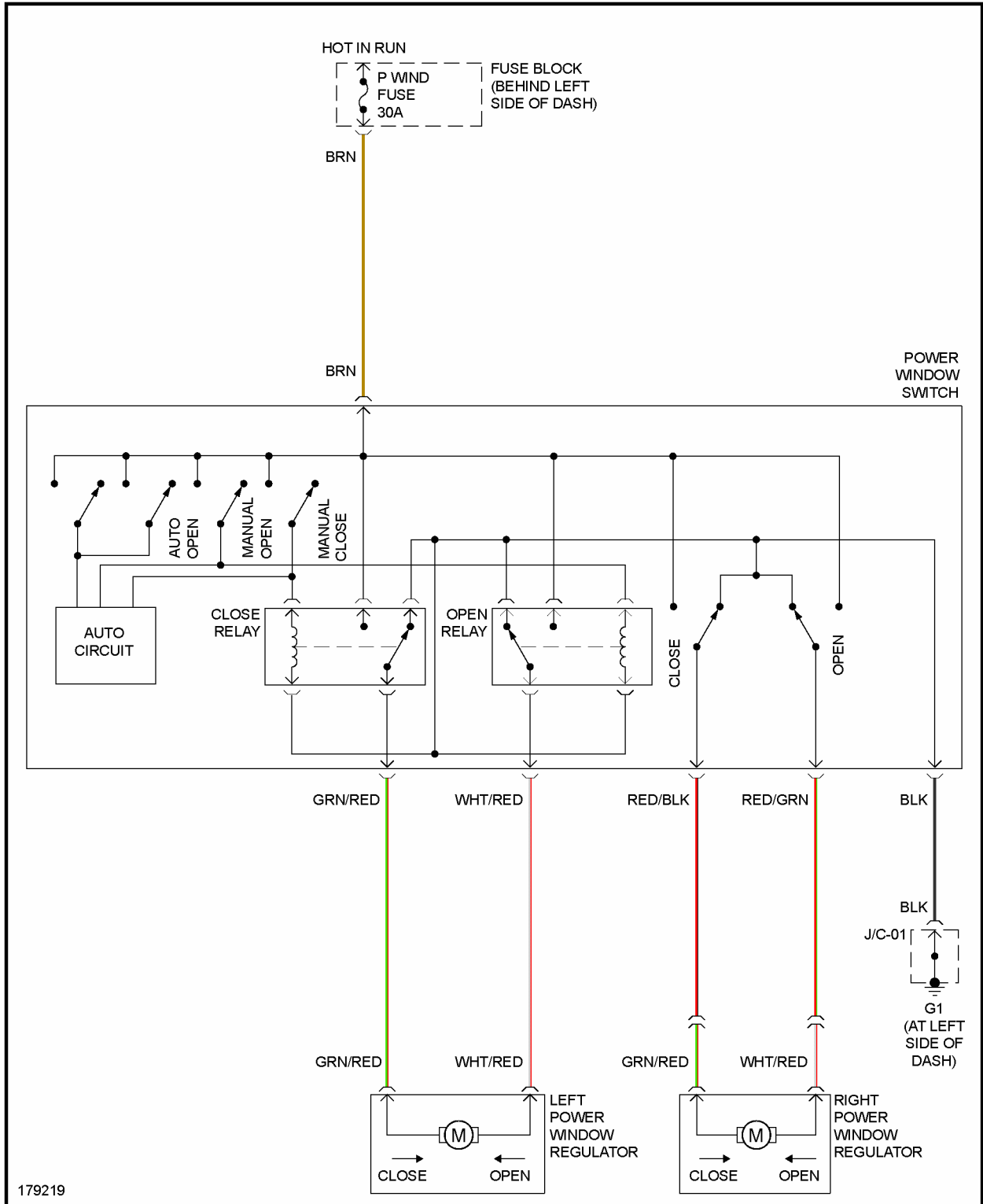


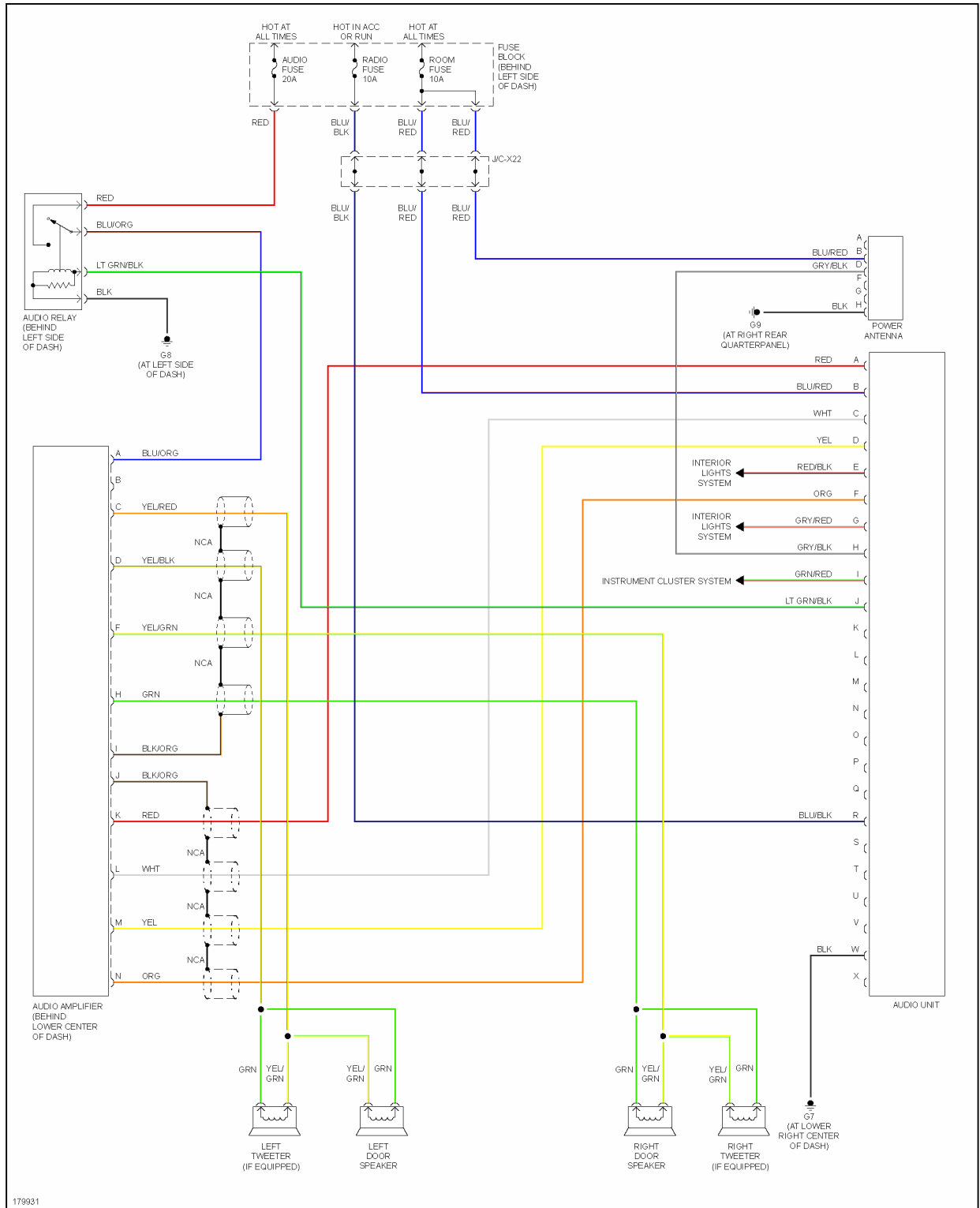
Fig. 23: Power Windows Circuit

RADIO



# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 24: Radio Circuit, Bose**

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

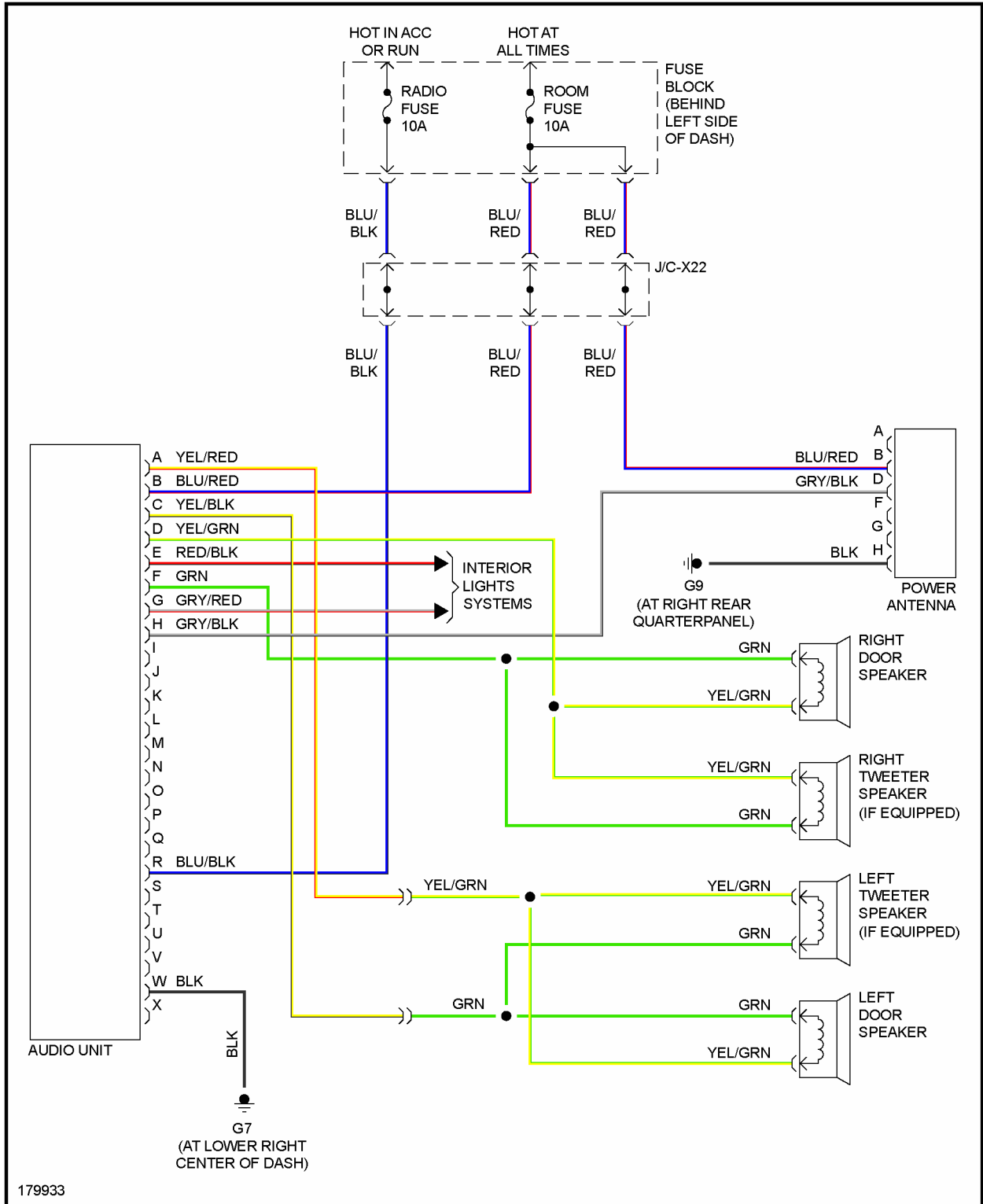


Fig. 25: Radio Circuit, Standard

### SHIFT INTERLOCK

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

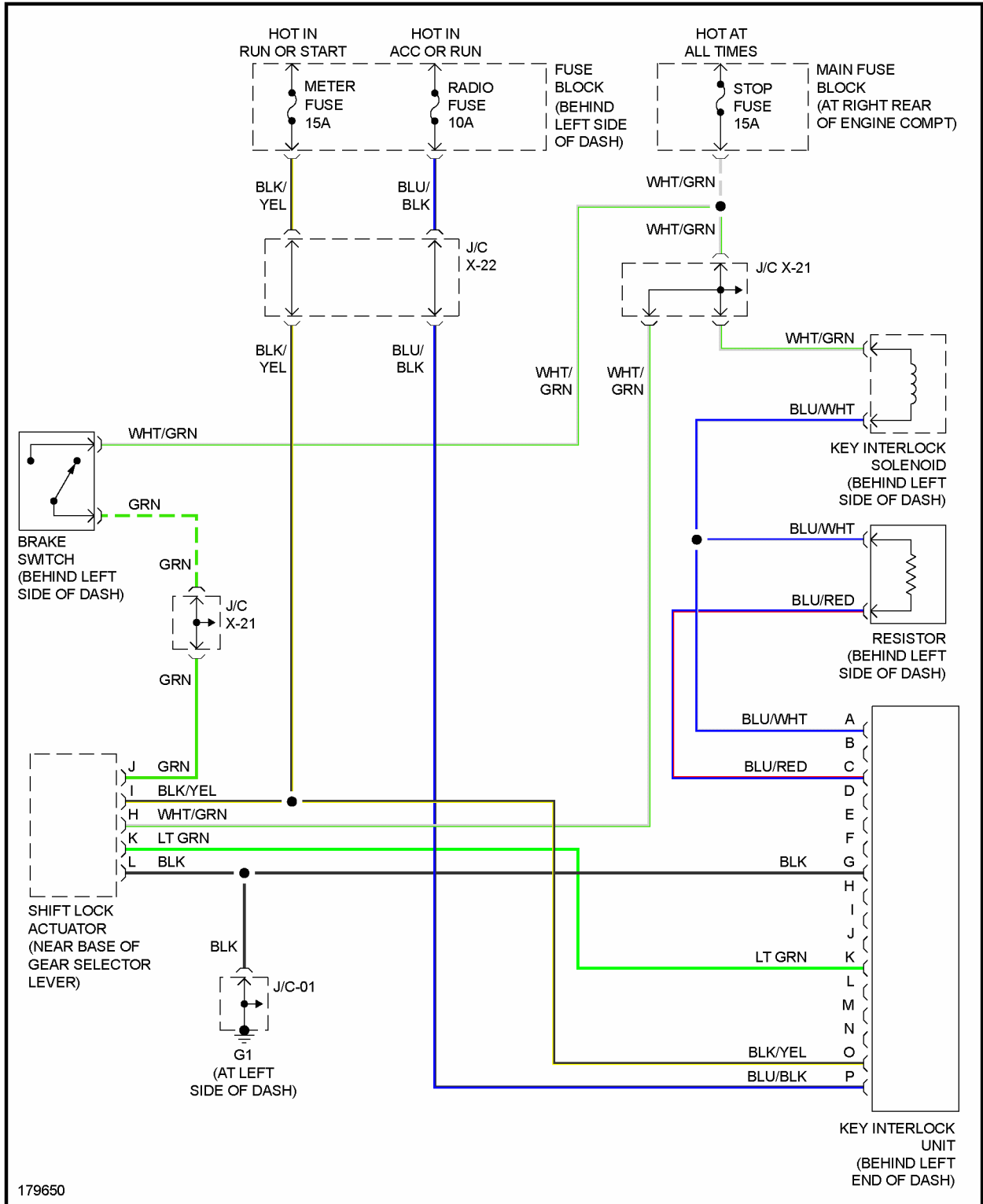
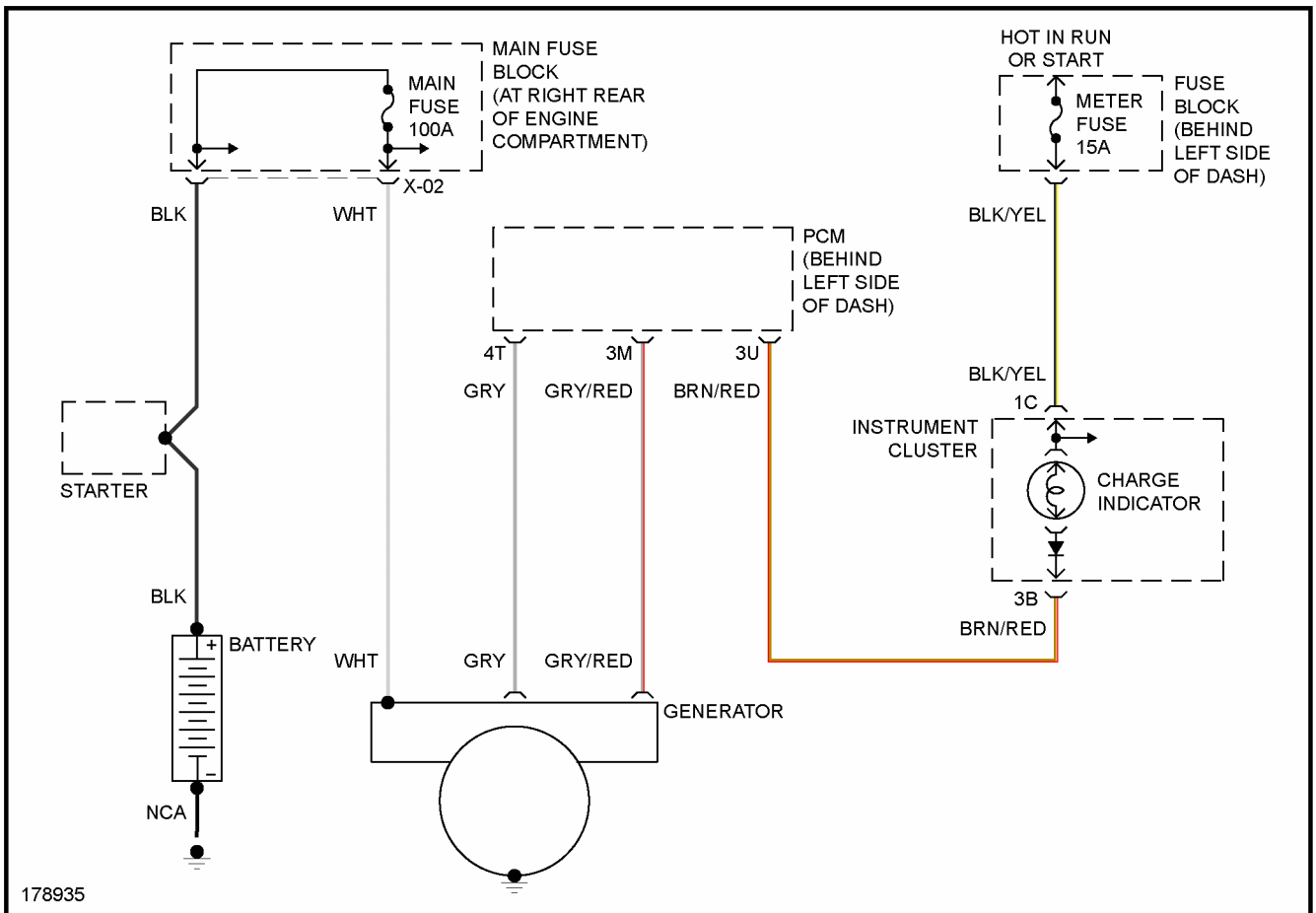


Fig. 26: Shift Interlock Circuit

### STARTING/CHARGING

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 27: Charging Circuit**

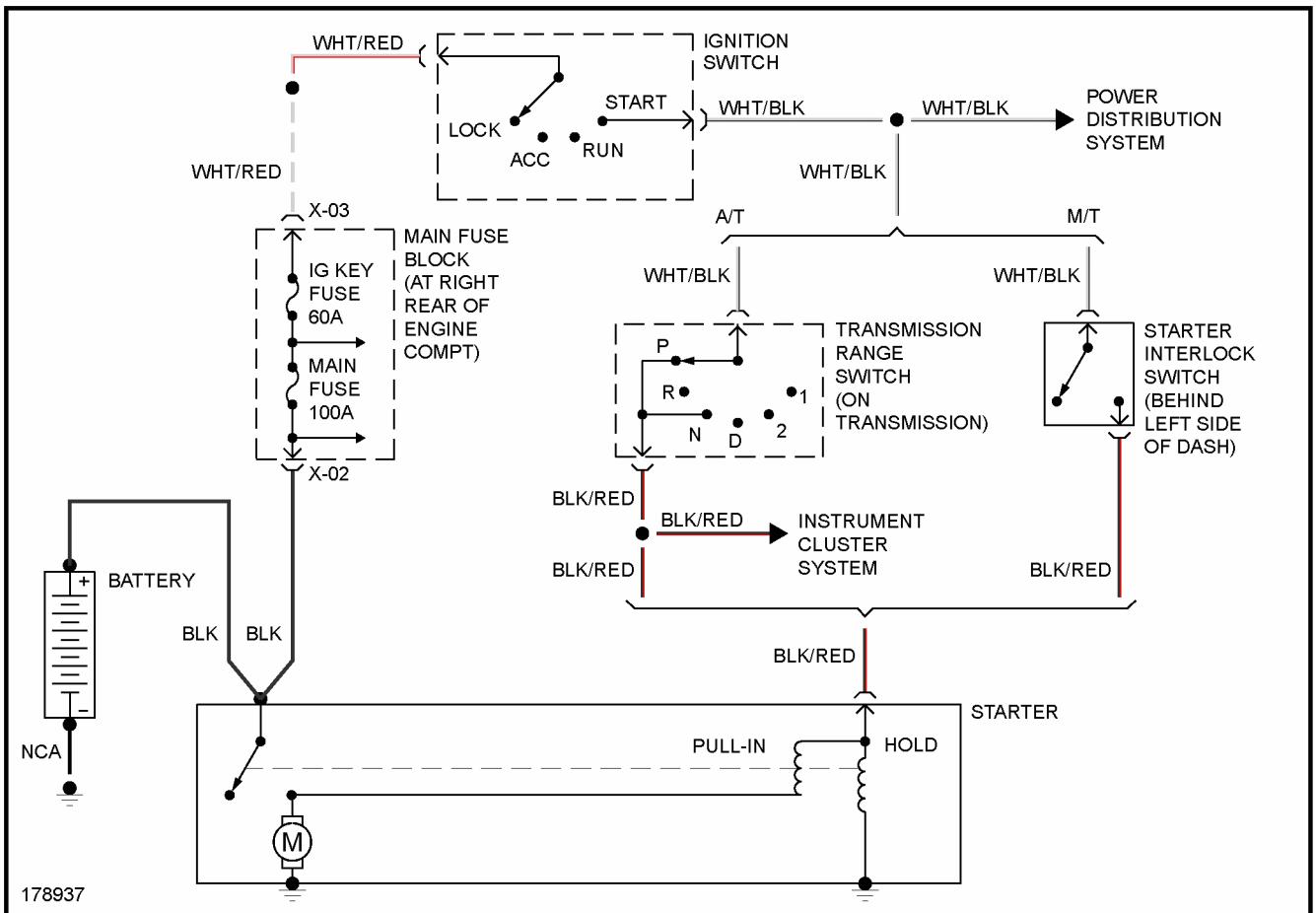


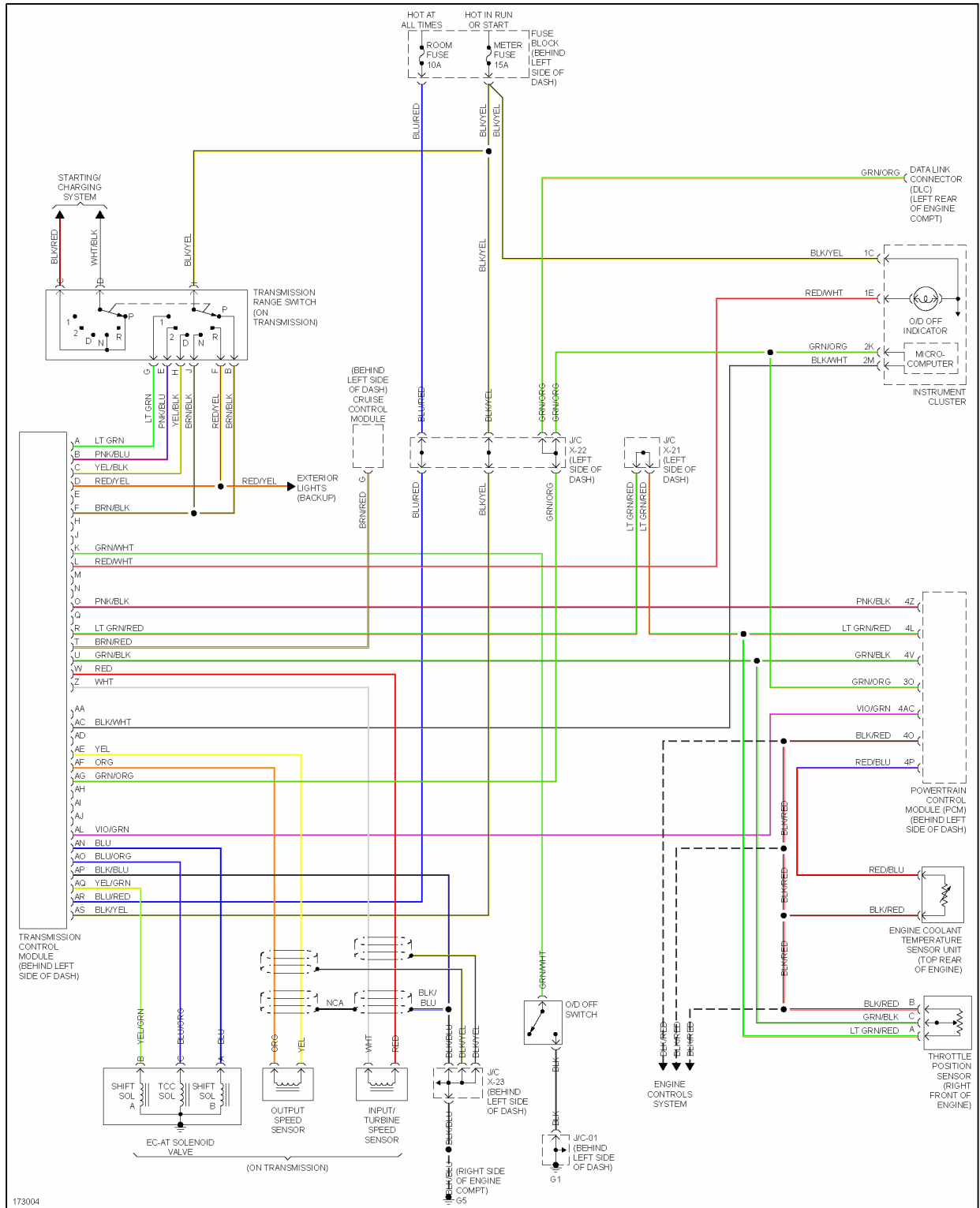
Fig. 28: Starting Circuit

SUPPLEMENTAL RESTRAINTS



# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 30: A/T Circuit**

**TRUNK, TAILGATE, FUEL DOOR**

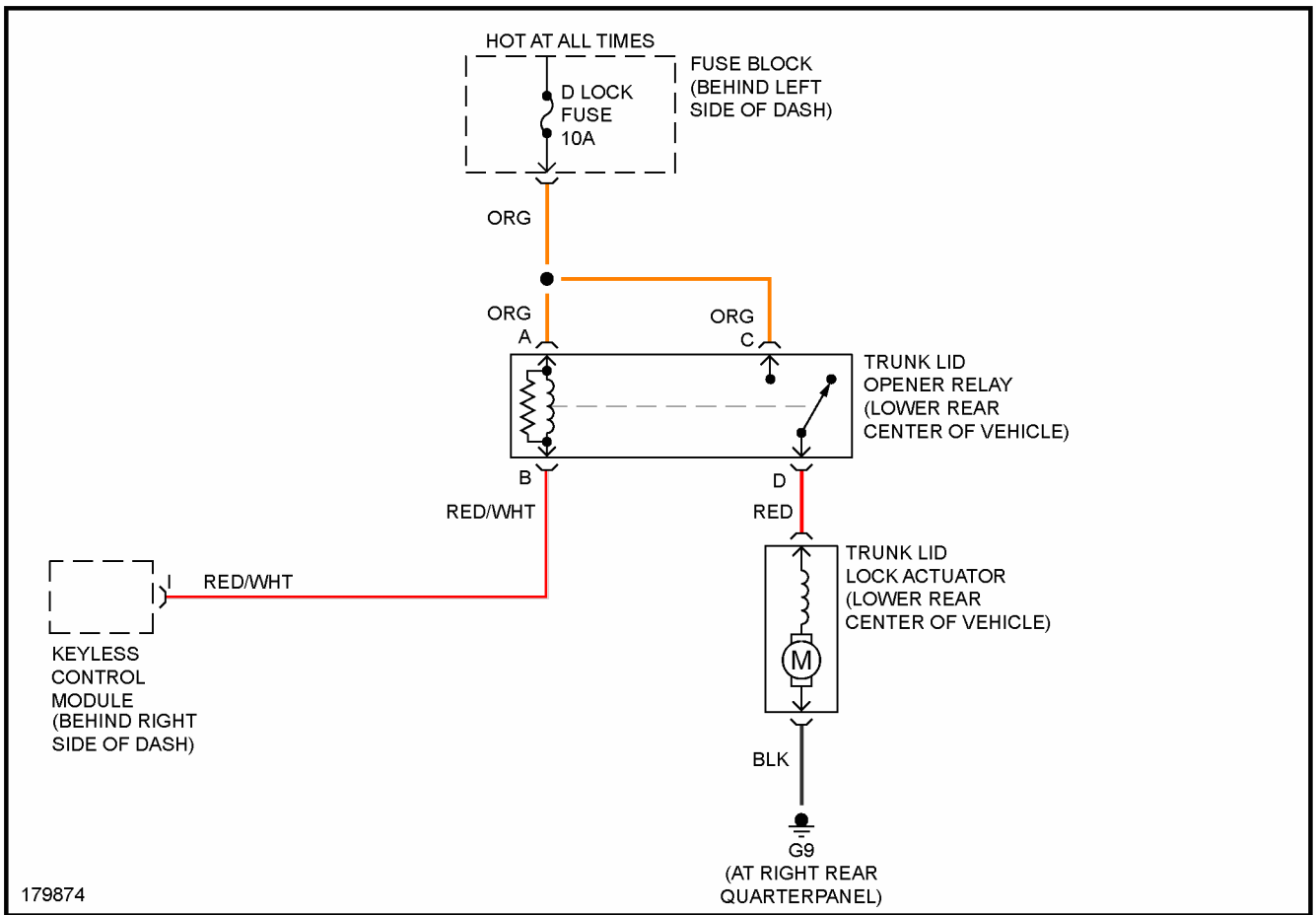


Fig. 31: Trunk Release Circuit

WARNING SYSTEMS



# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata

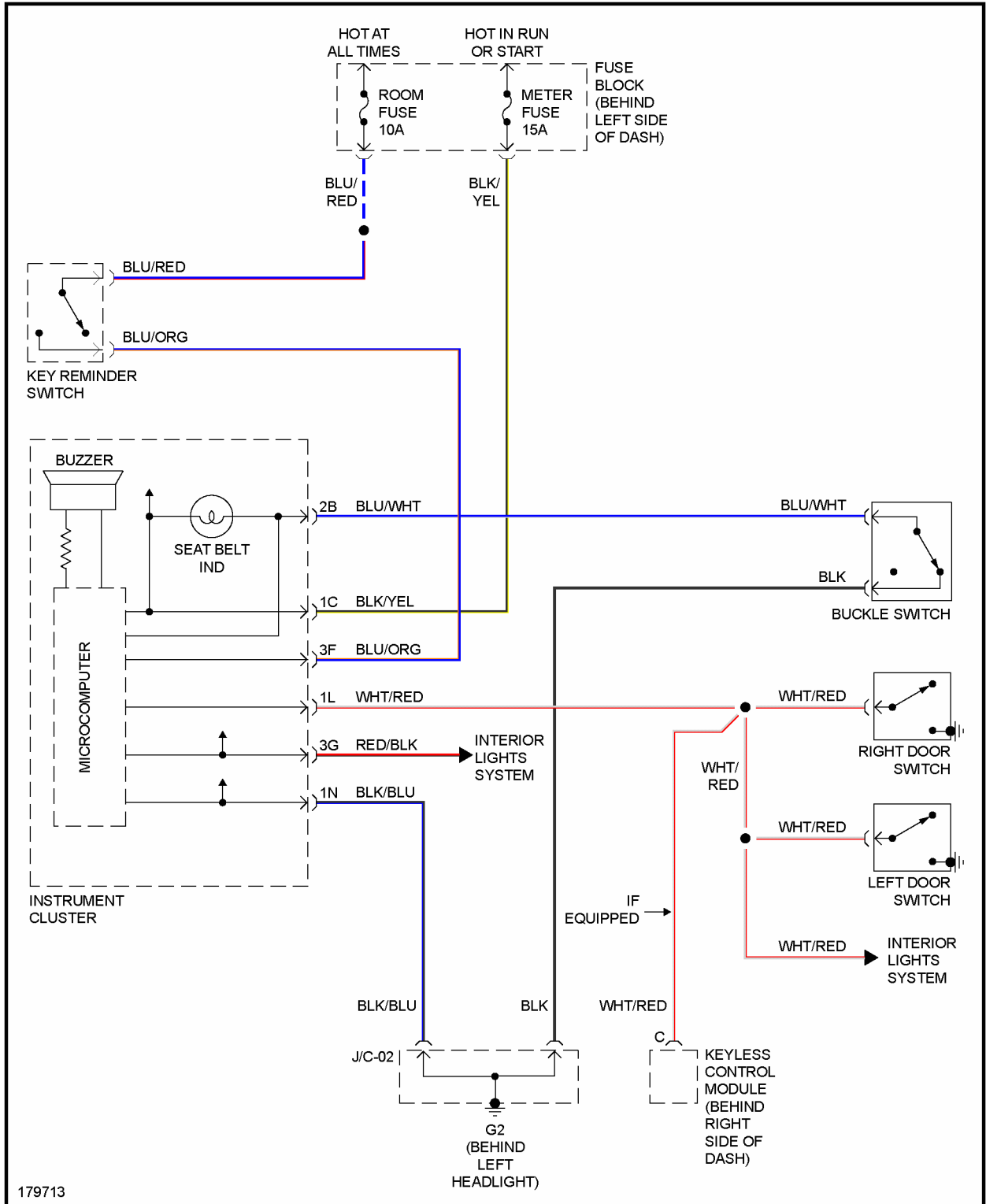
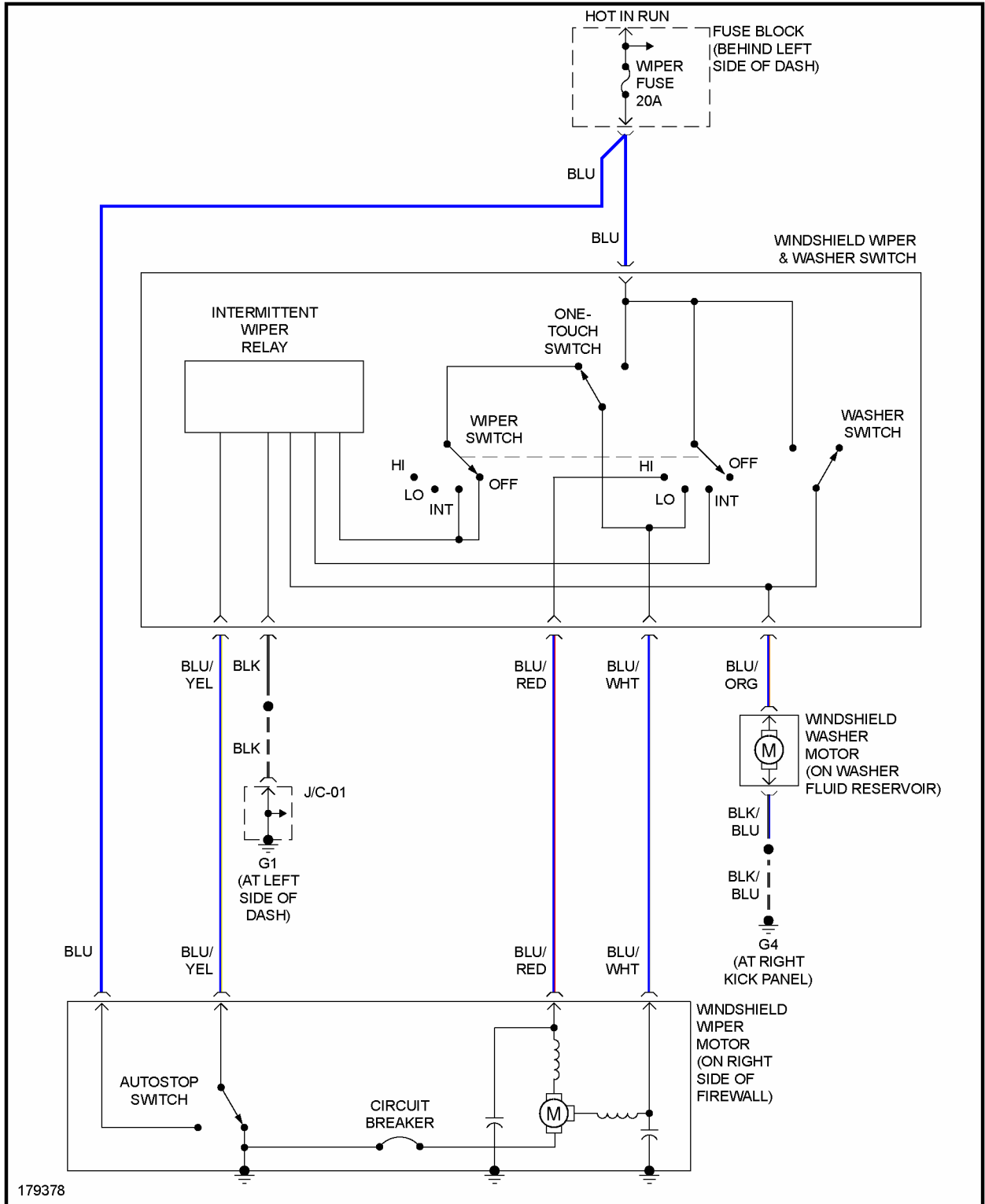


Fig. 32: Warning Systems Circuit

### WIPER/WASHER

# 2003 Mazda MX-5 Miata

## 2003 SYSTEM WIRING DIAGRAMS Mazda - MX-5 Miata



**Fig. 33: Wiper/Washer Circuit**