

Last Modified: 7-13-2007		1.6 G
Service Category: Vehicle Exterior	Section: Mirror (ext)	
Model Year: 2008	Model: ES350	Doc ID: RM0000014YH01AX
Title: MIRROR: OUTER REAR VIEW MIRROR: INSPECTION (2008 ES350)		

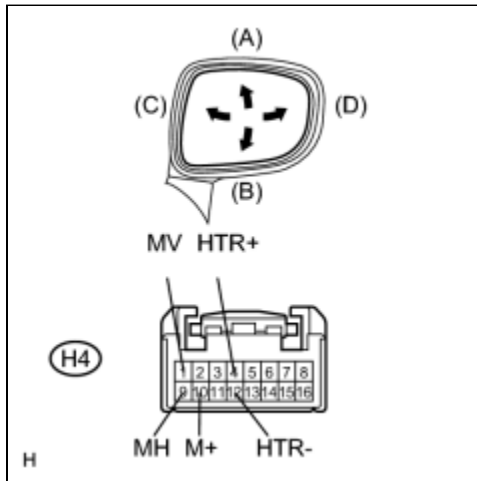
INSPECTION

1. INSPECT OUTER REAR VIEW MIRROR ASSEMBLY RH

(a) Inspect outer mirror motor operation.

(1) Apply battery voltage and check operation of the mirror face, as shown in the table and illustration.

Standard:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 1 (MV) Battery negative (-) → Terminal 10 (M+)	Turns upward (A)
Battery positive (+) → Terminal 10 (M+) Battery negative (-) → Terminal 1 (MV)	Turns downward (B)
Battery positive (+) → Terminal 9 (MH) Battery negative (-) → Terminal 10 (M+)	Turns left (C)
Battery positive (+) → Terminal 10 (M+) Battery negative (-) → Terminal 9 (MH)	Turns right (D)

(b) Inspect retractable mirror operation.

(1) Apply battery voltage and check operation of the mirror, as shown in the table below.

Standard:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 11 (MF) Battery negative (-) → Terminal 3 (MR)	Returns (Driving position)
Battery positive (+) → Terminal 3 (MR) Battery negative (-) → Terminal 11 (MF)	Retracts

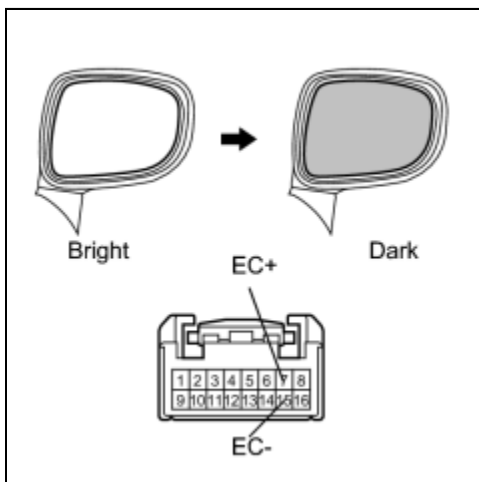
(c) Inspect outer mirror heater operation.

(1) Apply battery voltage and check operation of the mirror face, as shown in the table below.

Standard:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 4 (HTR+) Battery negative (-) → Terminal 12 (HTR-)	Mirror surface temperature becomes higher

(d) Inspect electrochromic outer mirror operation.



(1) Apply battery voltage and check operation of the mirror face, as shown in the table and illustration.

Standard:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 7 (EC+) Battery negative (-) → Terminal 15 (EC-)	Mirror surface changes to dark

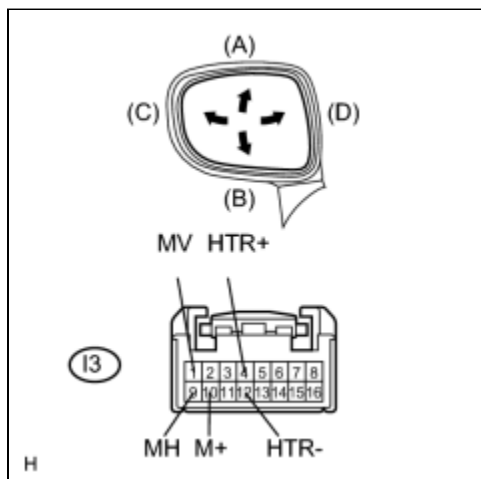
2. INSPECT OUTER REAR VIEW MIRROR ASSEMBLY LH

(a) Inspect outer mirror motor operation.

(1) Remove the outer rear view mirror assembly.

(2) Apply battery voltage and check operation of the mirror face, as shown in the table and illustration.

Standard:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 1 (MV) Battery negative (-) → Terminal 10 (M+)	Turns upward (A)
Battery positive (+) → Terminal 10 (M+) Battery negative (-) → Terminal 1 (MV)	Turns downward (B)
Battery positive (+) → Terminal 9 (MH) Battery negative (-) → Terminal 10 (M+)	Turns left (C)
Battery positive (+) → Terminal 10 (M+) Battery negative (-) → Terminal 9 (MH)	Turns right (D)

(b) Inspect retractable mirror motor operation.

(1) Apply battery voltage and check operation of the mirror, as shown in the table below.

Standard:

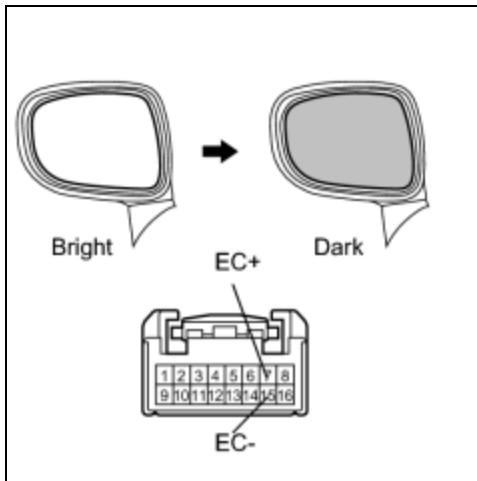
MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 11 (MF) Battery negative (-) → Terminal 3 (MR)	Returns (Driving position)
Battery positive (+) → Terminal 3 (MR) Battery negative (-) → Terminal 11 (MF)	Retracts

(c) Inspect outer mirror heater operation.

(1) Apply battery voltage and check operation of the mirror face, as shown in the table below.

Standard:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 4 (HTR+) Battery negative (-) → Terminal 12 (HTR-)	Mirror surface temperature becomes higher



(d) Inspect electrochromic outer mirror operation.

(1) Apply battery voltage and check operation of the mirror face, as shown in the table and illustration.

Standard:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 7 (EC+)	Mirror surface changes to dark
Battery negative (-) → Terminal 15 (EC-)	

