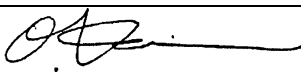
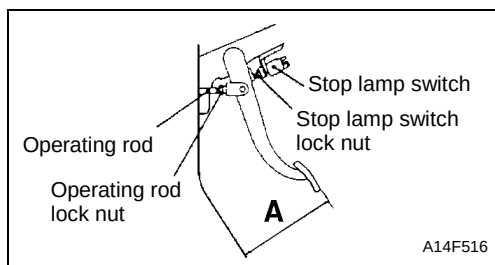




SERVICE BULLETIN

PUBLICATION GROUP, AFTER SALES SERVICE DEP.
MITSUBISHI MOTOR SALES EUROPE BV

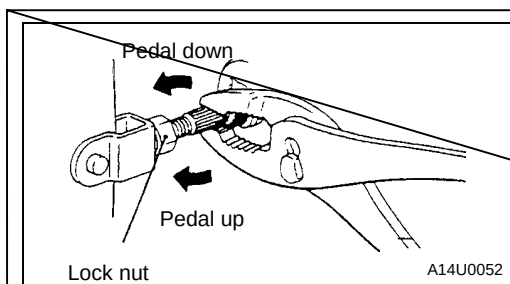
SERVICE BULLETIN		No.: ESB-98E35-001	
		Date: 1998-04-30	<Model> ECLIPSE (D30)
Subject: CHANGE IN ADJUSTMENT PROCEDURE FOR STOP LAMP SWITCH		<M/Y> 96-10	
Group: SERVICE BRAKE			
INFORMATION		 O. Kai - E.V.P. & G.M. After Sales Service Dept.	
1. Description: The stop lamp switch has been changed from that secured with a lock nut to that to be mounted in one-touch operation. Accordingly, the relevant service procedures have been changed.			
2. Applicable Manuals:			
Manual	Pub. No.	Language	Page(s)
96 ECLIPSE Workshop Manual chassis	PWUE95E1	(English)	35A-7, 8, 17
	PWUS95E1	(Spanish)	
	PWUF95E1	(French)	
	PWUG95E1	(German)	
	PWUD95E1	(Dutch)	
	PWUI95E1	(Italian)	
3. Effective Date: From November 3, 1997			
4. Interchangeability: Not interchangeable.			

**ON-VEHICLE SERVICE**

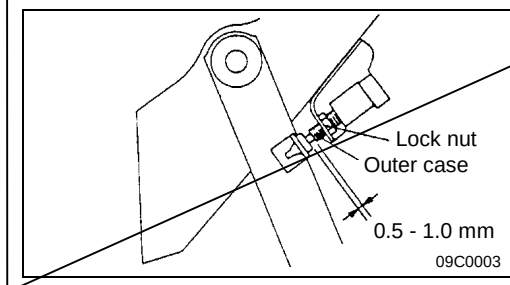
35100090100

BRAKE PEDAL CHECK AND ADJUSTMENT**1. BRAKE PEDAL HEIGHT**

- (1) Turn up the carpet, etc. under the brake pedal.
- (2) Measure the brake pedal height as illustrated.
Standard value (A): 175 - 180 mm
- (3) If the brake pedal height is not within the standard value, adjust as follows.



- (a) Disconnect the stop lamp switch connector, loosen the lock nut, and move the stop lamp switch to a position where it does not contact the brake pedal arm.
- (b) Adjust the brake pedal height by turning the operating rod with pliers (with the operating rod lock nut loosened), until the correct brake pedal height is obtained.
- (c) Screw in the stop lamp switch until it contacts the brake pedal stopper. (Just before the brake pedal is caused to move). Back off the stop lamp switch $\frac{1}{2}$ to 1 turn and secure by tightening the lock nut.



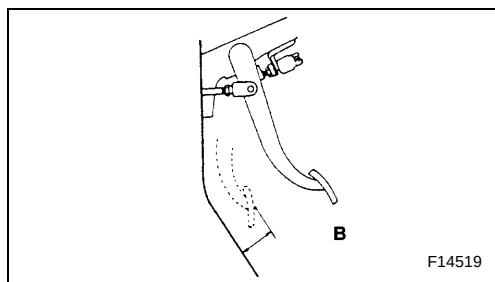
- (d) Connect the connector of the stop lamp switch.
- (e) Check to be sure that the stop lamp is not illuminated with the brake pedal released.
- (4) Turn back the carpet, etc.

2. BRAKE PEDAL FREE PLAY

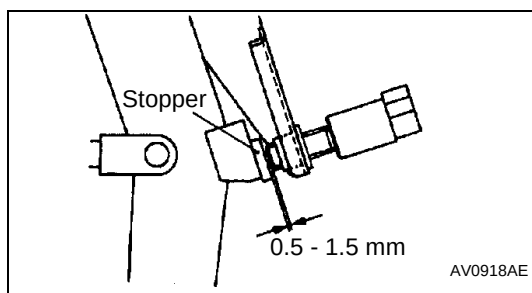
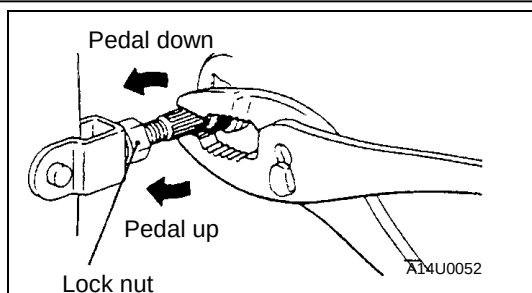
- (1) With the engine stopped, press the brake pedal two or three times. After eliminating the vacuum in the power brake booster, press the pedal down by hand, and confirm that the amount of movement before feeling resistance (the free play) is within the standard value range.

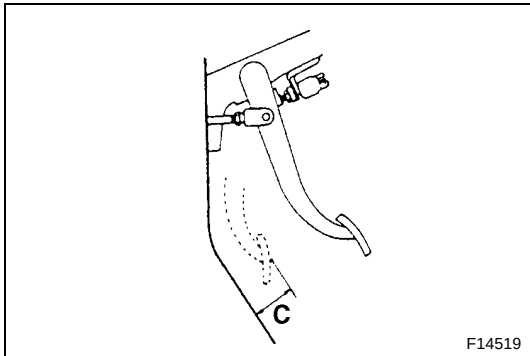
Standard value (B): 3 - 8 mm

- (2) If the free play exceeds the standard value, it is probably due to excessive clearance and replace faulty parts as required.



- (a) Disconnect the stop lamp switch connector and turn the stop lamp switch counterclockwise about a quarter turn to loosen.
- (b) Adjust the brake pedal height by turning the operating rod with pliers (with the operating rod lock nut loosened), until the correct brake pedal height is obtained.
- (c) Screw in the stop lamp switch until it contacts the brake pedal stopper while pulling the brake pedal stopper while pulling the brake pedal toward you by hand to secure it.
- (d) Adjust the stop lamp switch to obtain the dimensions as shown, after turn it clockwise about a quarter turn to secure it.
- (e) Connect the connector of the stop lamp switch.
- (f) Check to be sure that the stop lamp is not illuminated with the brake pedal released.





3. CLEARANCE BETWEEN BRAKE PEDAL AND FLOOR BOARD

- (1) Turn up the carpet, etc. under the brake pedal.
- (2) Start the engine, depress the brake pedal with approximately 490 N of force.

Standard value (C): 80 mm or more

- (3) If the clearance is less than the standard value, check for air trapped in the brake line, thickness of brake disc pad and dragging in the parking brake. Adjust and replace defective parts as required.
- (4) Turn back the carpet, etc.

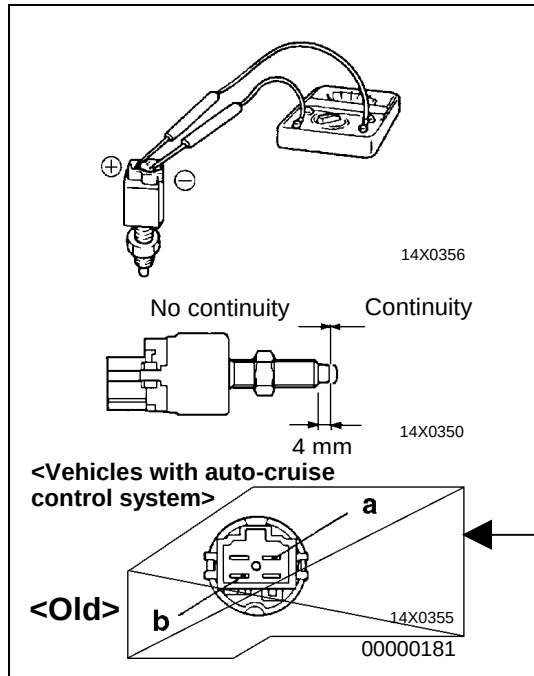
STOP LAMP SWITCH CHECK

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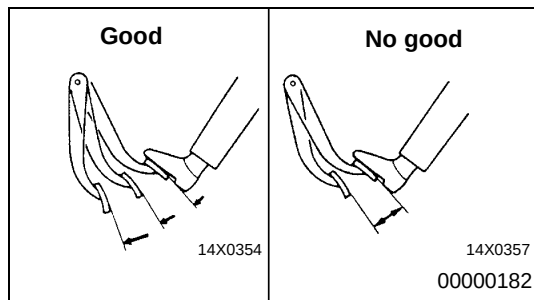
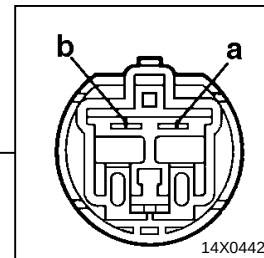
Connect a circuit tester to the stop lamp switch, and check whether or not there is continuity when the plunger of the stop lamp switch is pushed in and when it is released.

The stop lamp switch is in good condition if there is no continuity when the plunger is pushed in to a depth of within 4 mm from the outer case edge surface, and if there is continuity when it is released.

For vehicles with auto-cruise control system, the check for continuity should be made at connectors "a" and "b" of the stop lamp switch.



<New>



BRAKE BOOSTER OPERATING TEST

For simple checking of the brake booster operation, carry out the following test:

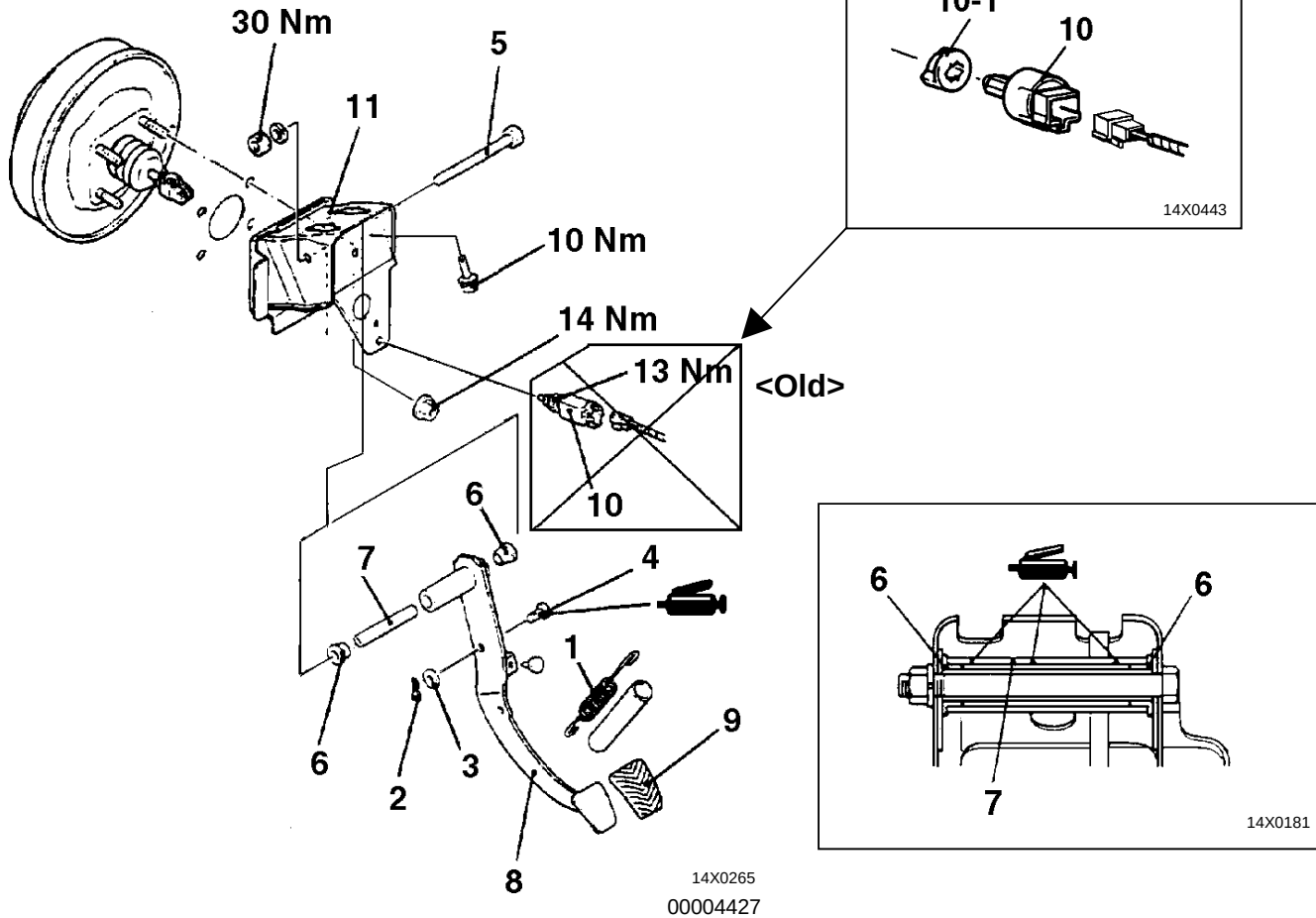
1. Run the engine for one or two minutes, and then turn the engine off.
2. If the pedal depressed fully the first time but gradually becomes higher when depressed succeeding times. The booster is operating properly. If the pedal height remains unchanged, the booster is defective.

BRAKE PEDAL REMOVAL AND INSTALLATION

35100340120

Post-installation Operation

- Brake pedal Adjustment (Refer to P.35A-7.)



Removal steps

1. Brake pedal return spring
2. Split pin
3. Washer
4. Clevis pin
5. Brake pedal shaft bolt
6. Bushing

7. Spacer
8. Brake pedal
9. Pedal pad
10. Stop lamp switch
11. Pedal support member assembly

<Added>

- 10-1. Stop lamp switch attaching clip