



SERVICE BULLETIN

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

SERVICE BULLETIN		No.: ESB-97E35-501		
		Date: 1998-02-15	<Model>	<M/Y>
Subject:	OMISSION OF DATA LIST PREFERENCE AND ACTUATOR TEST PREFERENCE TABLES		(NAS)ECLIPSE	97-97
			(NAS)ECLIPSE	97-97
			SPYDER	
Group:	SERVICE BRAKE			
CORRECTION		 O. Kai - E.V.P. & G.M. After Sales Service Dept.		

1. Description:

This Service Bulletin informs you as to rectification of omission of the Data List Preference and Actuator Test Preference Tables from the ABS descriptions.

2. Applicable Manual:

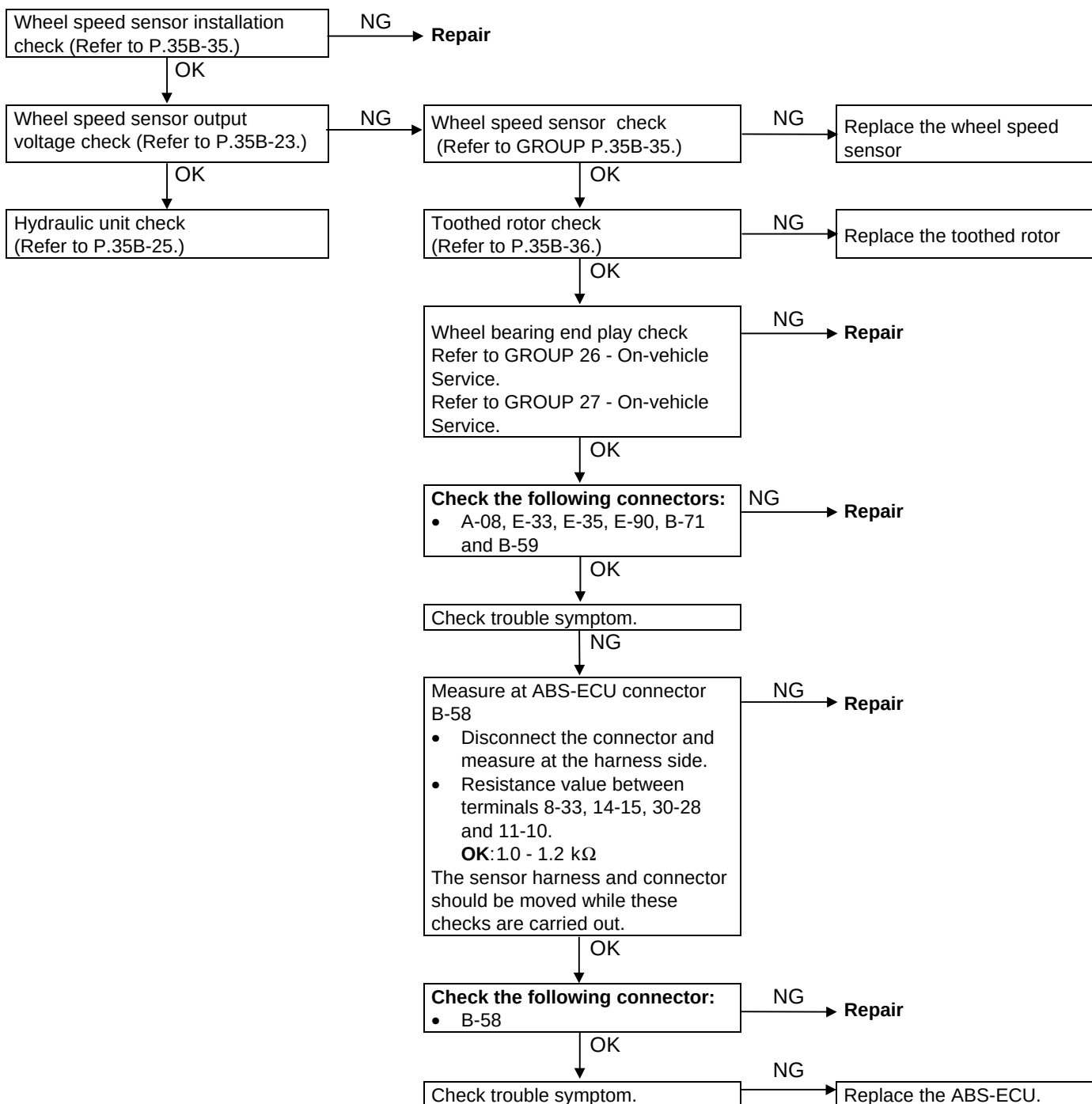
Manual	Pub. No.	Language	Page(s)
'96 ECLIPSE Workshop Manual	PWUE95E1	(English)	35B-19
	PWUS95E1	(Spanish)	
	PWUF95E1	(French)	
	PWUG95E1	(German)	
	PWUD95E1	(Dutch)	
	PWUI95E1	(Italian)	

3. Details:

'96 ECLIPSE Workshop Manual, pages 2,3

INSPECTION PROCEDURE 7

Break operation is abnormal	Probable cause
[Comment] This varies depending on the driving conditions and the road surface conditions, so problem diagnosis is difficult. However, if a normal diagnostic trouble code is displayed, carry out the following inspection.	Malfunction of wheel speed sensor Malfunction of rotor Malfunction of wheel bearing Malfunction of hydraulic unit Malfunction of ABS-ECU



<Added>

DATA LIST PREFERENCE TABLE

The following items can be read by the scan tool from the ABS - ECU input data.

1. When the system is normal

Item no.	Check item	Checking requirements	Normal value
11	F.R. sensor	Drive the vehicle	Vehicle speeds displayed on the speedometer and MUT - II
12	F.L. sensor		
13	R.R. sensor		
14	R.L. sensor		
21	ABS - ECU Power supply voltage	Ignition switch power supply voltage and valve monitor voltage	9 - 16V
22	Alternator L terminal	Engine running	HIGH
		Engine stopped	LOW
23	Stop lamp switch	Depress the brake pedal	ON
		Release the brake pedal	OFF

2. When the ABS - ECU shuts off the ABS operation.

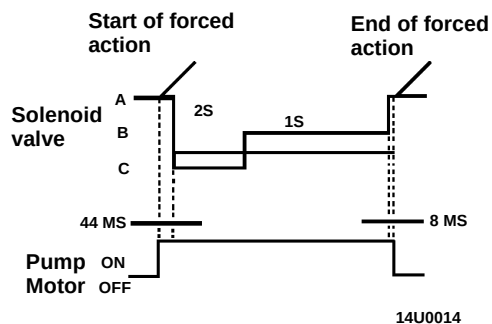
When the diagnostic trouble system stops the ABS - ECU, the MUT - II display data will be unreliable

ACTUATOR TEST PREFERENCE TABLE

NOTE

- (1) If the ABS-ECU shuts off the ABS operative, actuator testing cannot be carried.
- (2) Actuator testing is only possible when the vehicle is stationary. If the vehicle speed during actuator testing exceeds 10km/ (6mph), forced actuation will be cancelend.

Activation Pattern



Note

- A: Hydraulic pressure increases
B: Hydraulic pressure holds
C: Hydraulic pressure decrease

The scan tool activates the following actuator for testing.
ACTUATOR TEST SPECIFICATION

NO.	Item	
01	Solenoid valve for front-right wheel	Solenoid valve and pump motors in the hydraulic unit (simple inspection mode)
02	Solenoid valve for front-left wheel	
03	Solenoid valve for rear wheel	