

#985 INSPECTION OF SIGNAL DETECT AND ACTUATION MODULES

- Since the FUSO diagnostics data are updated from time to time, descriptions or wording may not agree with the workshop manual. The FUSO diagnostics will have the latest data.



1. List of Diagnosis Codes

Code	Message	Warning lamp indication		Remarks
		 (red)	 (orange)	
2372-4	Left rear brake light - Insufficient voltage or short circuit to ground	-	O	
2372-5	Left rear brake light - The current strength is too low or there is an open circuit.	-	O	
2374-4	Right rear brake light - Insufficient voltage or short circuit to ground	-	O	
2374-5	Right rear brake light - The current strength is too low or there is an open circuit.	-	O	
521985-4	BBC Side turn lamp LH - Insufficient voltage or short circuit to ground	-	-	
521985-5	BBC Side turn lamp LH - The current strength is too low or there is an open circuit.	-	-	
521986-4	BBC Side turn lamp RH - Insufficient voltage or short circuit to ground	-	-	
521986-5	BBC Side turn lamp RH - The current strength is too low or there is an open circuit.	-	-	
521987-4	BBC Body illumination - Insufficient voltage or short circuit to ground	-	-	
521988-4	BBC Chassis illumination - Insufficient voltage or short circuit to ground	-	-	
521989-4	BBC Backup Alarm - Insufficient voltage or short circuit to ground	-	-	
521990-4	Transmission power take-off 3-way magnetic valve - Insufficient voltage or short circuit to ground	-	-	
521990-5	Transmission power take-off 3-way magnetic valve - The current strength is too low or there is an open circuit.	-	-	
521992-4	Driver mirror heater - Insufficient voltage or short circuit to ground	-	-	
521994-4	Backup lamp - Insufficient voltage or short circuit to ground	-	-	
521994-5	Backup lamp - The current strength is too low or there is an open circuit.	-	-	
521995-4	Left high beam - Insufficient voltage or short circuit to ground	-	-	
521995-5	Left high beam - The current strength is too low or there is an open circuit.	-	-	
521996-4	Right high beam - Insufficient voltage or short circuit to ground	-	-	
521996-5	Right high beam - The current strength is too low or there is an open circuit.	-	-	
521997-4	Left low beam - Insufficient voltage or short circuit to ground	-	-	
521997-5	Left low beam - The current strength is too low or there is an open circuit.	-	-	
521998-4	Right low beam - Insufficient voltage or short circuit to ground	-	-	
521998-5	Right low beam - The current strength is too low or there is an open circuit.	-	-	
522003-4	Left standing light - Insufficient voltage or short circuit to ground	-	O	
522003-5	Left standing light - The current strength is too low or there is an open circuit.	-	O	

Code	Message	Warning lamp indication		Remarks
		 (red)	 (orange)	
522004-4	Right standing light - Insufficient voltage or short circuit to ground	-	O	
522004-5	Right standing light - The current strength is too low or there is an open circuit.	-	O	
522005-4	Left tail lamp - Insufficient voltage or short circuit to ground	-	O	
522005-5	Left tail lamp - The current strength is too low or there is an open circuit.	-	O	
522006-4	Right tail lamp - Insufficient voltage or short circuit to ground	-	O	
522006-5	Right tail lamp - The current strength is too low or there is an open circuit.	-	O	
522007-4	Left rear turn signal lamp - Insufficient voltage or short circuit to ground	-	-	
522007-5	Left rear turn signal lamp - The current strength is too low or there is an open circuit.	-	-	
522008-4	Right rear turn signal lamp - Insufficient voltage or short circuit to ground	-	-	
522008-5	Right rear turn signal lamp - The current strength is too low or there is an open circuit.	-	-	
522009-4	Left turn signal lamp (front) - Insufficient voltage or short circuit to ground	-	-	
522009-5	Left turn signal lamp (front) - The current strength is too low or there is an open circuit.	-	-	
522010-4	Right turn signal lamp (front) - Insufficient voltage or short circuit to ground	-	-	
522010-5	Right turn signal lamp (front) - The current strength is too low or there is an open circuit.	-	-	
522011-4	Right front fog lamp - Insufficient voltage or short circuit to ground	-	-	
522011-5	Right front fog lamp - The current strength is too low or there is an open circuit.	-	-	
522014-4	Passenger exit lamp - Insufficient voltage or short circuit to ground	-	-	
522014-5	Passenger exit lamp - The current strength is too low or there is an open circuit.	-	-	
522015-4	Driver exit lamp - Insufficient voltage or short circuit to ground	-	-	
522015-5	Driver exit lamp - The current strength is too low or there is an open circuit.	-	-	
522016-4	Cabin button illumination - Insufficient voltage or short circuit to ground	-	-	
522017-4	Washer motor - Insufficient voltage or short circuit to ground	-	-	
522017-5	Washer motor - The current strength is too low or there is an open circuit.	-	-	
522020-4	Left license plate lamp - Insufficient voltage or short circuit to ground	-	O	
522020-5	Left license plate lamp - The current strength is too low or there is an open circuit.	-	O	
522022-4	Left front fog lamp - Insufficient voltage or short circuit to ground	-	-	
522022-5	Left front fog lamp - The current strength is too low or there is an open circuit.	-	-	
522026-4	Passenger mirror heater - Insufficient voltage or short circuit to ground	-	-	

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522027-3	Interior lamp - Excessive voltage or short circuit to positive	-	-	
522028-4	Mirror heater Switches - Insufficient voltage or short circuit to ground	-	-	
522030-4	Backup buzzer - Insufficient voltage or short circuit to ground	-	-	
522032-4	Connected electrical equipment - Insufficient voltage or short circuit to ground	-	-	
522033-4	Connected electrical equipment - Insufficient voltage or short circuit to ground	-	-	
522034-4	Connected electrical equipment - Insufficient voltage or short circuit to ground	-	-	
522038-5	Air conditioner blower - The current strength is too low or there is an open circuit.	-	O	
522039-5	Accessory 12V/24V relay - The current strength is too low or there is an open circuit.	-	O	
522040-5	Ignition relay - The current strength is too low or there is an open circuit.	O	-	
522041-5	Accessory relay - The current strength is too low or there is an open circuit.	O	-	
522042-5	Ignition 12V/24V relay - The current strength is too low or there is an open circuit.	-	O	
522043-5	Air conditioner compressor relay - The current strength is too low or there is an open circuit.	-	O	
522064-25	Transmission current gear signal - Received network data is in error.	-	-	
522067-25	Main light switch request signal - Received network data is in error.	-	O	
522069-25	High beam switch request signal - Received network data is in error.	-	-	
522070-25	High beam flash switch request signal - Received network data is in error.	-	-	
522071-25	Transmission Control unit - Received network data is in error.	-	-	
522074-25	Combustion engine Control unit - Received network data is in error.	-	-	
522075-25	Combustion engine Control unit - Received network data is in error.	-	-	
522076-25	Combustion engine Control unit - Received network data is in error.	-	-	
522077-25	Combination switch - Received network data is in error.	-	O	
522078-25	Combination switch - Received network data is in error.	-	-	
522079-25	Selector lever - Received network data is in error.	-	-	
522080-25	Keyless entry unit - Received network data is in error.	-	-	
522081-25	Driver power window Switches - Received network data is in error.	-	-	
522082-25	Passenger power window Switches - Received network data is in error.	-	-	
522097-2	Starter Switches - Data erratic, intermittent or incorrect	O	-	
522098-2	Starter Switches - Data erratic, intermittent or incorrect	O	-	
522099-2	Starter Switches - Data erratic, intermittent or incorrect	O	-	

Code	Message	Warning lamp indication		Remarks
		 (red)	 (orange)	
522112-3	The battery voltage is too high. - Excessive voltage or short circuit to positive	O	-	
522112-4	The battery voltage is too low. - Insufficient voltage or short circuit to ground	O	-	
522113-25	Combination switch - Received network data is in error.	-	-	
522114-25	Combination switch - Received network data is in error.	-	-	
522115-25	Driver power window Switches - Received network data is in error.	-	-	
522116-25	Passenger power window Switches - Received network data is in error.	-	-	
522117-25	Keyless entry unit - Received network data is in error.	-	-	
522118-25	Selector lever - Received network data is in error.	-	-	
522133-17	Power take-off is not connected when the Power take-off Switches are turned ON. - Occurring	-	-	
522134-17	Power take-off is not disconnected when the Power take-off Switches are turned OFF. - Occurring	-	-	
522135-17	Power take-off was disconnected when the Transmission power take-off 3-way magnetic valve was ON. - Occurring	-	-	
522136-17	Power take-off was connected when Transmission power take-off 3-way magnetic valve was OFF. - Occurring	-	-	
522138-25	Combination switch - Received network data is in error.	-	-	
522139-25	Combination switch - Received network data is in error.	-	-	
522140-25	Combination switch - Received network data is in error.	-	-	
522141-25	Combination switch - Received network data is in error.	-	-	
522142-4	Wiper internal circuit - Insufficient voltage or short circuit to ground	-	-	
522143-5	Wiper internal circuit - The current strength is too low or there is an open circuit.	-	-	
522144-3	Wiper internal circuit - Excessive voltage or short circuit to positive	-	-	
522147-4	Key interlock solenoid - Insufficient voltage or short circuit to ground	-	-	
522148-17	Faulty part CPU inside component "SAM" - Occurring	-	-	
522149-17	Faulty part Memory inside component "SAM" - Occurring	O	-	
522150-17	Faulty component "SAM" - Occurring	O	-	