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Viewed:	4021		

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Title: FLR-10 and FLR-20 Bendix Wingman fault.ACB display with SPN 886 FMI 7. Includes procedures for repeat misalignment failures on FLR-10 Radars

Applies To: All

****For FLR-10 repeat misalignments faults and the radar alignment is in spec Click Here . DO NOT USE SHIM PROCEDURE FOR MISALIGNMENT VALUES LESS THAN A + or - .9 degrees**

*****DO NOT PROACTIVELY ALIGN ANY RADAR- ALIGNMENTS ARE PRESET FROM THE ASSEMBLY PLANT**

DESCRIPTION

ACB display with SPN 886 FMI 7. ABS DTC 55.

SYMPTOMS

- Electrical Fault , cluster display address Module 42 and fault displayed in ACB.

POSSIBLE DIAGNOSTIC TROUBLE CODES

DTC	SPN	FMI	MODULE	DESCRIPTION
55			ABS	Maximum misalignment value is reached
	886	7	ACB display	

PARTS INFORMATION

Bendix® Wingman® ACB Alignment Tool Kit – 19-090-01

(K07308 used for FLR-20 Radar)

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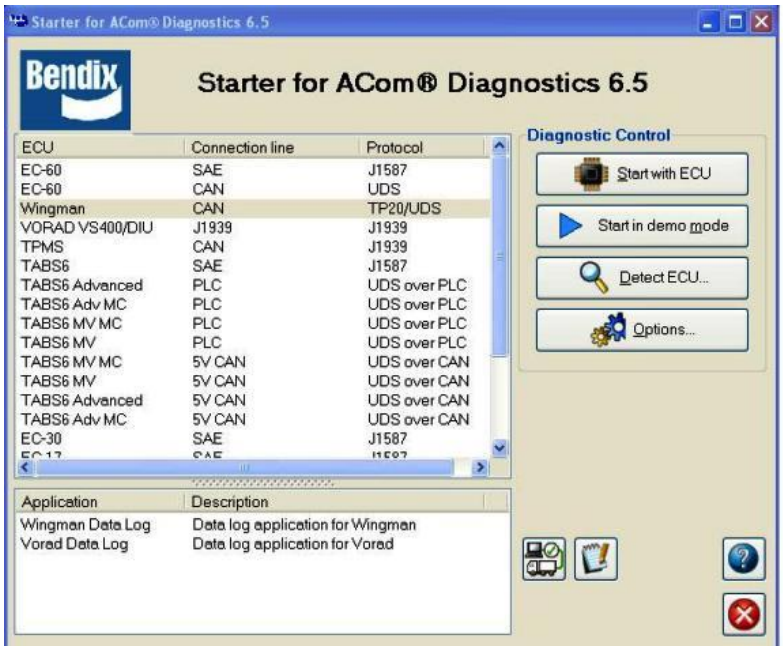
TROUBLESHOOTING

If the system generates a Diagnostic Trouble Code, where a lamp or icon is illuminated on the instrument cluster, then ACOM Diagnostics software – version 6.5 or later – is required. ***Select "ACB" from the starter screen(1)***, then "Start

with ECU" **(2)** . Click "DTC" to show the diagnostic trouble codes.



When using ACOM Diagnostics for the first time, the service technician will be asked to select the communication adapter for both the ACB and Bendix® EC-60™ controllers. While both controllers will use the same physical adapter, the technician will need to indicate which communication protocol to use for each. Once a successful connection has been made, these steps will no longer be necessary

RESOLUTION

ADJUSTMENT PROCEDURE

, **Click HERE for FLR-10 Radar Alignment Procedures**

Click Here For FLR-20 Alignment Procedure

In addition to the FLR-20 procedure above adjustment can be made using the on screen display (DIU) or by finding the current misalignment value in ACOM/ACB and using the key below for the adjustment. After adjustment reset the misalignment value and test drive a minimum of 20 miles while tracking a lead vehicle. Verify the repair by monitoring the misalignment value after test drive.

Alignment Value Range	Number of Full Turns of the Adjustment Screw
-1.8 to -2.0	6 clockwise
-1.6 to -1.7	5 clockwise
-1.2 to -1.5	4 clockwise
-0.9 to -1.1	3 clockwise
-0.8 to 0.8	*No Adjustment Needed*
0.9 to 1.1	3 counter clockwise
1.2 to 1.5	4 counter clockwise
1.6 to 1.7	5 counter clockwise
1.8 to 2.0	6 counter clockwise

RESET LATERAL MISALIGNMENT VALUE IN

BENDIX® ACOM® DIAGNOSTICS

If a "radar misalignment" diagnostic trouble code (DTC) was logged, after repairs, the vehicle will need to be connected to a PC with ACOM Diagnostics software to reset the "Misalignment Value" to zero.

1. In ACOM Diagnostics select ACB, "Wingman" or "Wingman ACB" on the starter screen, and then select "Start with ECU." If unable to connect to Wingman ACB in ACOM, click here > IK0400093

2. Select "Config" on the ACB Status window.

3. Select "Modify" on the Configuration Status window.

4. Select "Reset Misalignment Value" in the Change Configuration box.

5. Select "Write" button in the dialogue box.

6. Clear the Bendix® Wingman® ACB system trouble code using the procedure in Section 4.4: *Clearing Bendix® Wingman®* ACB Diagnostic Trouble Codes (DTCs).

7. Close the ACOM Diagnostics program and any open windows.

8. Cycle the vehicle ignition.

For additional diagnostics,adjustments, and repair information refer to the link below

OTHER RESOURCES

- http://www.bendixvrc.com/itemDisplay.asp?documentID=5795

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