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Coding Information

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**Title:** Bendix Wingman FLR- 20 alignment

**Applies To:** ProStar & TranStar

## DESCRIPTION

Alignment procedures for FLR-20 sensor. Units built March 2013 and after  
Do not use the laser alignment tools on the new FLR 20 Sensor and do not make any adjustments to the system when there is not an active fault for misalignment.

## TOOLS REQUIRED

Tools	Qty.
WR300 - digital angle gauge for (vertical alignment)	1

## RESOLUTION

The FLR-20 adjustment can be made using the on screen display (DIU) or by finding the current misalignment value in ACOM / ACB and using the procedure below for the adjustment. See SD-61-4960 below for full diagnostic and adjustment procedure. 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.

[FLR - 20 Alignment procedure using dash display](#)

**Alignment procedure using ACOM/ ACB.**

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	<i>No Adjustment Needed</i>
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 AFTER REPAIR***

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## OTHER RESOURCES

[FLR-20 Sensor SD-61-4960](#)

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