Subject

Blind Spot Monitor Axis Beam Adjustment Confirmation

Market: USA

Service Category: Audio/Visual/Telematics

Section: Park Assist/Monitoring

Applicability: Models With Blind Spot Monitor System

APPLICABLE VEHICLES

2018-2019	Camry	2019	Avalon
2019	Avalon HV	2018-2019	Sequoia
2018-2019	Camry HV		

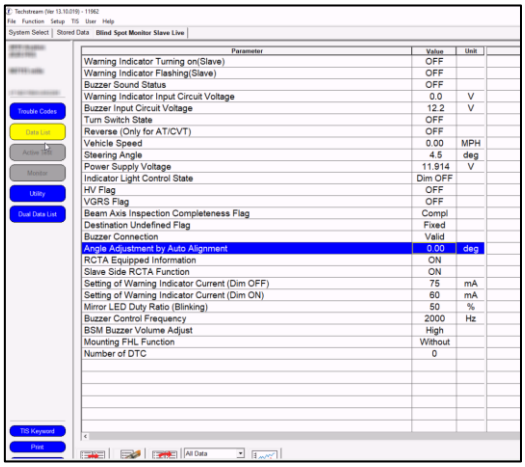
CONDITION

In some situations, the Blind Spot Monitor (BSM) Beam Axis may not update during the *Blind Spot Monitor Beam Axis Confirmation*. The procedure recommended below can be used to confirm the beam axis has been updated when performing the *Blind Spot Monitor Beam Axis Confirmation.*

RECOMMENDATIONS

When the BSM Master/Slave Beam Axis Display and BSM Master/Slave Beam Axis Adjustment utilities are successful the "Angle Adjustment by Auto Alignment" data list value will update and change to a value close to the value displayed in the BSM Beam Axis Display utility. The steps below can be used to confirm the angle value has been updated in the BSM sensor.

1. Using Techstream, check the "Angle Adjustment by Auto Alignment" data list value in Blind Spot Monitor Master Live - Data List or Blind Spot Monitor Slave Live - Data List.
    - Take note of the angle value (Value A)



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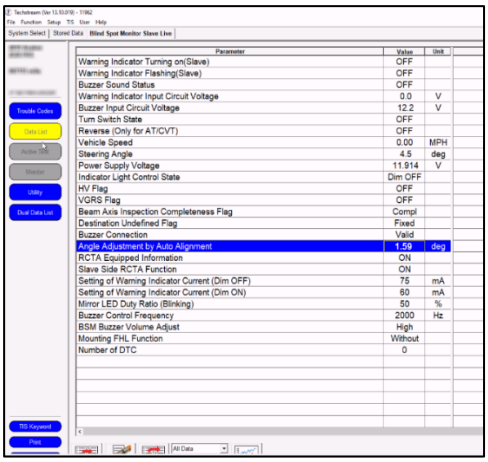
RECOMMENDATIONS

2. Perform PARK ASSIST / MONITORING: BLIND SPOT MONITOR SYSTEM: OPERATION CHECK ***Blind Spot Monitor Beam Axis Confirmation*** per repair manual instructions on TIS.
    - Take note of the angle value shown during the BSM Master/Slave Beam Axis Display Utility. (Value B)

3. Using Techstream recheck the "Angle Adjustment by Auto Alignment" data list value in Blind Spot Monitor Master Live or Blind Spot Monitor Slave Live data list
    - Take note of the angle value (Value C)



- If the Angle Adjustment by Auto Alignment (Value C) has changed to be close to the Value B, then the Beam Axis has updated successfully.
- If the Angle Adjustment by Auto Alignment (Value C) has **NOT** changed and is still the same as Value A, the Beam Axis has **NOT** updated successfully. Confirm repair manual procedure and reflector placement are correct.

HINT:

It is normal for the Angle Adjustment by Auto Alignment data list value to change after the vehicle is driven for a period of time. If the BSM system detects a problem with the beam axis a DTC will be set.

LINK REFERENCES

This Tech Tip does not contain any link references

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