	GROUP Product Improvement	MODEL 2020MY Telluride (ON)
	NUMBER PI2001	DATE January 2019
PRODUCT IMPROVEMENT CAMPAIGN		
SUBJECT: LIGHT EMITTING DIODE (LED) HEADLAMP AIM INSPECTION AND ADJUSTMENT (PI2001)		

This bulletin provides the procedure to inspect and, if necessary, adjust the headlamp aim on some 2020MY Kia Telluride (ON) vehicles equipped with Light Emitting Diode (LED) headlamps produced from September 9, 2019 through December 14, 2019. The Insurance Institute for Highway Safety (IIHS) is a well-known organization that conducts supplemental testing to evaluate certain aspects of vehicle performance. As a result of such testing, Kia and IIHS have determined that improvements could be made to adjust headlamp aim to improve the focus and reduce glare from the headlamps to oncoming traffic. Kia is requesting the completion of this Product Improvement Campaign on all affected vehicles. Before conducting the procedure, verify the vehicle is included in the list of affected VINs.



*** NOTICE**

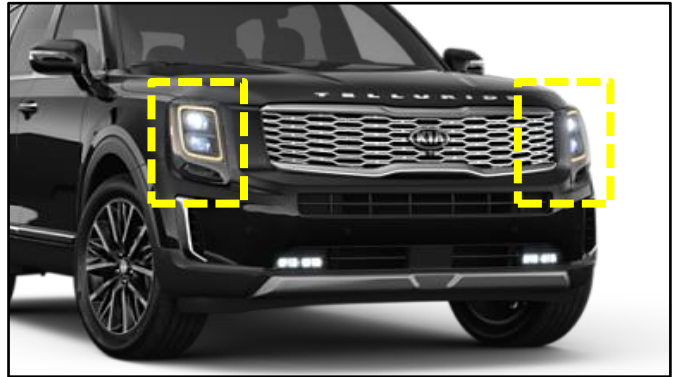
To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

File Under: <Product Improvement>

- Circulate To:** General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

Inspection and Adjustment Procedure (LED ONLY):

1. Reference the headlamp aim adjustment by referring to the “Body Electrical System → Lighting System → Headlamp → Repair procedures (**Head Lamp Aiming – LED type**)” chapter in the applicable Shop Manual on KGIS.

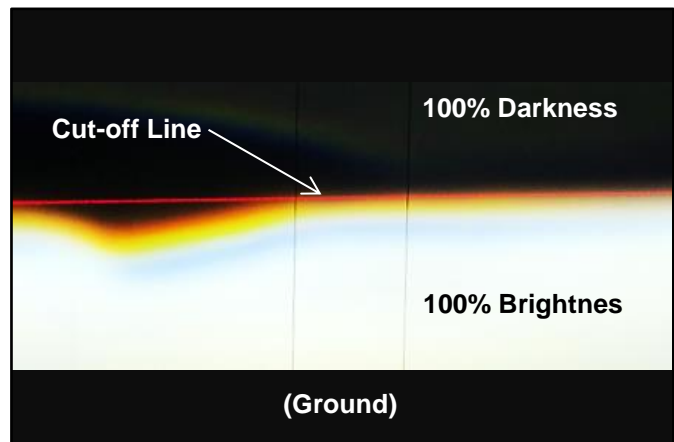


IMPORTANT

Distance from vehicle to screen is modified in the steps below.

- 1b. Headlamp beam reflection should be at or below below the cut-off line used as reference.

Note: The image shown is for the left hand side (LHS) headlamp.



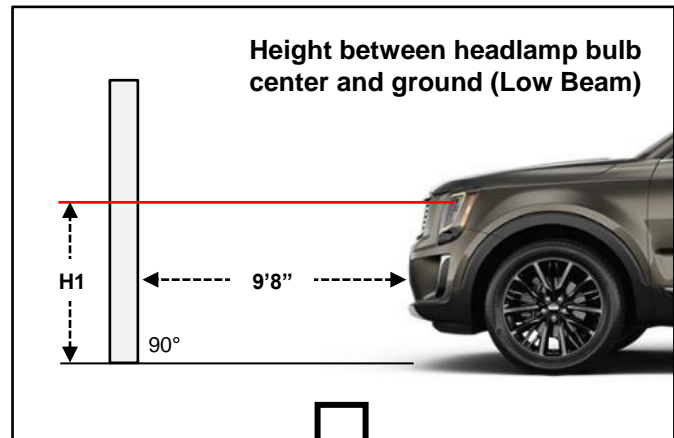
*** NOTICE**

Due to shop space limitations, the aim distance from vehicle to screen was reduced to 3m (9.8ft.).

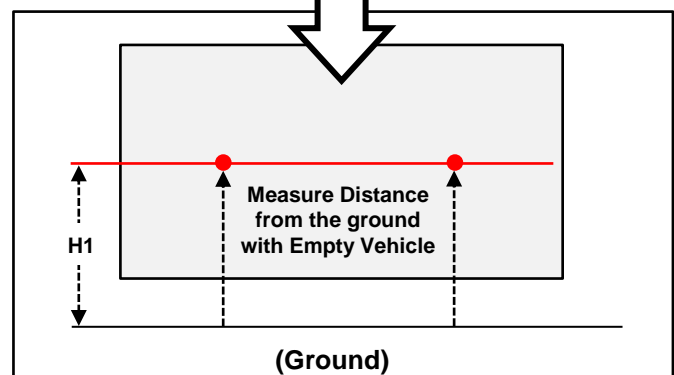
- 2a. Park the vehicle on a flat surface, 3 meters (9.8’ feet) directly across from the screen or wall. Verify tires are inflated to specification.

*** NOTICE**

Due to the modified shorter aim distance from vehicle to screen, +5mm was added to the (H1) measurement found on KGIS with vehicle empty.



- 2b. On the screen, mark two (2) dots directly across from each headlamp (LH/RH) 932mm (36.7 inches) from the ground.
- 2c. Draw a straight line across both dots that extends across the screen as shown. This is your Headlamp Height (H-H) / cut-off line.



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3. Confirm measurements below and turn the headlamps (Low Beam) ON.

Vehicle Distance	Cut-off Line
3 meters (9.8' feet)	932mm (36.7 inches)

❗ IMPORTANT

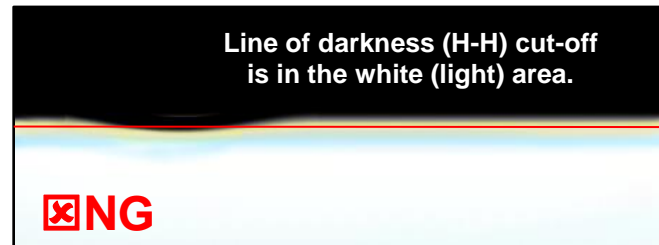
Ensure that the work area/room is as dark as possible.



- 4a. **SAMPLE IMAGE:** Headlamp beam reflection (LHS). **Good (OK).**

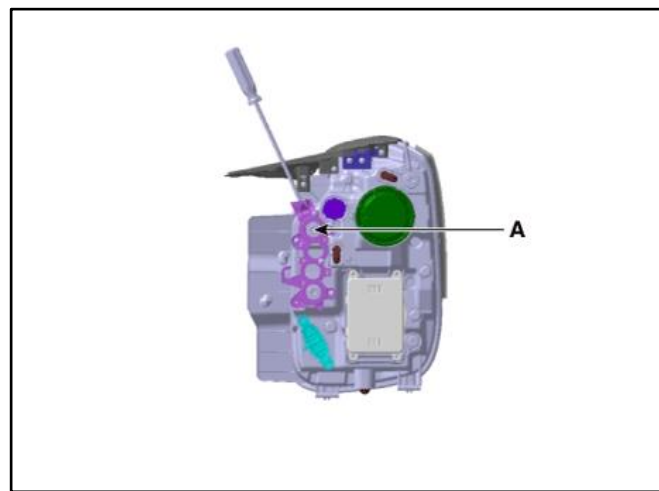


- 4b. **SAMPLE IMAGE:** Headlamp beam reflection (LHS). **No Good (NG).** Headlamp adjustment is too high.



- 5a. If the LED headlamps **do not** require adjustment, this campaign is complete.
- 5b. If either (LH or RH) headlamp(s) require adjustment, proceed to adjust the LED headlamp aim beam to complete this campaign as outlined in the Shop Manual on KGIS.

Note: Vertical (Low/High) adjustment (A).



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AFFECTED VEHICLE RANGE:

Model	Production Date Range
Telluride (ON)	September 9, 2019 to December 14, 2019

WARRANTY INFORMATION:

N Code: N99 C Code: C99

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	92101 S9100	0	(PI2001) LED Headlamp Aim Inspection	190A38I0	0.3 M/H	N/A	0
			(PI2001) LED Headlamp Aim Inspection and Adjustment	190A38R0	0.3 M/H		

* NOTICE

<p>VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference PI2001 when accessing the WebDCS system.</p>
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