

Subject

ABS Light ON - C0226, C0236, C0246 and C0256

Market

USA

Service Category

Brake

Section

Brake Control/Dynamic Control System

Applicability

2014-2020 4Runner

APPLICABLE VEHICLES

2014-2020

4Runner

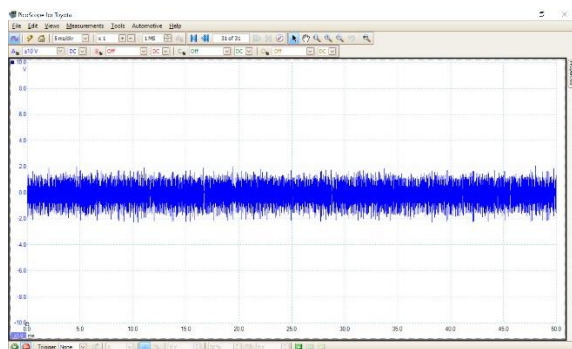
CONDITION

Some 2014-2020 model year 4Runner vehicles may experience the ABS Light ON with DTC C0226, C0236, C0246 and C0256 stored current in the ABS system.

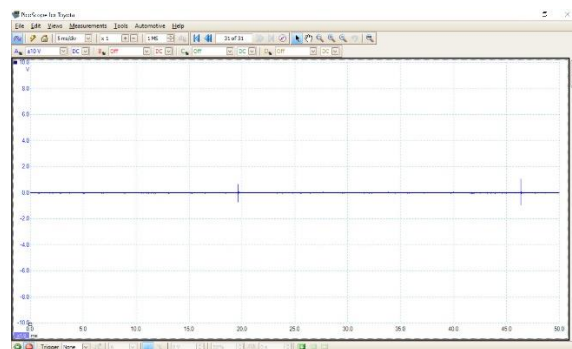
RECOMMENDATIONS

1. Inspect the ABS connector for signs of damage. If OK, go to step 2.
2. Use a Picoscope to monitor the ground to the Skid Control ECU with the engine running and headlights ON, then with the headlights OFF. If the ground circuit voltage fluctuates with the headlights ON compared to OFF, go to step 3.

Skid Control ECU Ground Wires			
Booster Type	Pin Name	Connector	Pin #
Hydraulic	GND1	A	1
	GND2		32
Vacuum	GND1		1
	GND2		13



Skid Control Ground – Headlights ON



Skid Control Ground – Headlights OFF

3. Inspect the headlight bulbs for any aftermarket parts, such as LED or HID bulbs. If aftermarket bulbs are found, perform the same test with factory headlight bulbs.

See example of aftermarket LED bulbs that can cause this condition on page 2.

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Example of aftermarket LED headlight bulbs:



LINK REFERENCES

This Tech Tip does not contain any link references