



TPMS

Technical Service Bulletin



Repair Procedure

RP-548-012

Applies To: 2006-2008 Ford F-150 High Pressure Range

May 9, 2012

Scope of this bulletin:

2006-2008 Ford F-150 Trucks were fitted with Banded TPMS sensors from the OE. These banded sensors came in 3 colors (Blue, Black and Green) and had two pressure ranges (Low and High). Most F-150 trucks were fitted with Low Pressure Blue banded TPMS sensors, but there are some that may be fitted with the High Pressure Green banded TPMS sensors.

Let's review how you can determine the correct fitment for the F-150 you are servicing!

Topics covered in this bulletin:

1. Ford TPMS OE Sensors
2. How to determine if your Banded F-150 is Low or High Pressure
3. How this effects replacement sensors

1. Ford TPMS OE Sensors



Ford began using banded sensors in 2006. These sensors have 2 pressure ranges: High or Low. As you can see from the chart below, the BLUE and BLACK sensors are Low Pressure, and they are interchangeable. The GREEN sensor is High Pressure.

VEHICLES EQUIPPED WITH GREEN HP SENSORS MUST HAVE THERE SENSORS REPLACED WITH EQUIVALNT SENSORS.

LOW PRESSURE and HIGH PRESSURE sensors are NOT interchangeable.

Description	Color	Pressure Range
Low Pressure – Lear	Blue	0-51 psi
Low Pressure – Siemens	Black	0-51 psi
High Pressure – Lear	Green	0-102 psi



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2. How to determine if your F-150 is Low or High Pressure:

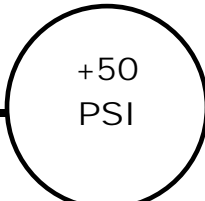
How can you tell if your F-150 is a HIGH or LOW pressure and which sensor to fit?

TIRE AND LOADING INFORMATION			
SEATING CAPACITY		TOTAL 88	FRONT 8 REAR 88
The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.			
TIRE	ORIGINAL SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
FRONT	P235/60R17XL	200 kPa, 29 PSI	
REAR	P235/60R17XL	200 kPa, 29 PSI	
SPARE	P235/60R17XL	200 kPa, 29 PSI	

If the vehicle placard calls for any pressures to be higher than 50PSI, you will need to use the HP (High Pressure) TPMS Sensor.

Low Pressure Range

TIRE AND LOADING INFORMATION			
SEATING CAPACITY		TOTAL : 5	FRONT: 2 REAR: 3
The combined weight of occupants and cargo should never exceed 894 kg or 1972 lbs.			
TIRE	SIZE	COLD TIRE PRESSURE	SEE OWNERS MANUAL FOR ADDITIONAL INFORMATION
FRONT	LT275/65R20E	450 KPA, 65 PSI	
REAR	LT275/65R20E	450 KPA, 65 PSI	
SPARE	LT275/70R18E	450 KPA, 65 PSI	



Hi Pressure Range



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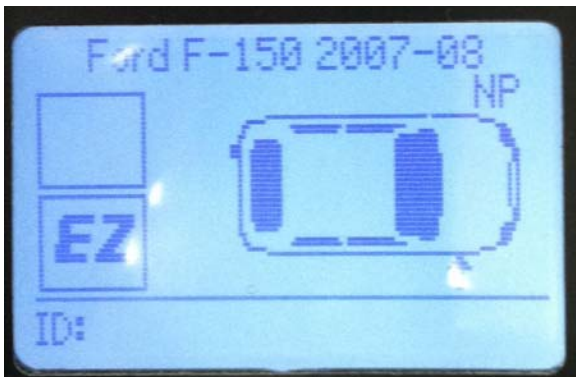
3. How this effects replacement sensors for HIGH PRESSURE F-150:

OE Replacement: Make sure you are using the correct color sensors

Aftermarket Sensors: If the sensor you are using does not have a listing for F-150SD (super-duty), then you should select the sensor that would be fitted to the F-250 or F-350, as they will be High Pressure. Not all Aftermarket sensors will work with High Pressure fitments. Contact your sensor supplier with any questions regarding fitment.

EZ-sensor™: If you are using EZ-sensor™ if the option exists on your tool for F-150SD, use this selection. If you do not have a listing for the F-150SD, use the selection for the F-250 to program your sensors.

4. Trouble Shooting:



If using EZ-sensor™, and you get NP as shown here, you have programmed the sensor as a LOW PRESSURE range, and the sensor has been pressurized over 50 psi.

If the placard is calling for pressures higher than 50 PSI, use a selection on the tool for a SD (F150SD, F250SD, or F350SD) to program your sensors.