

6
Steps
2 TPMS (\$) **SUCCESS**



The Six Steps to Success: Understanding the TPMS Service process

6
Steps

2

TPMS



SUCCESS

What we know about the rule

Federal Mandate, The Final Rule – April, 2005

- Ⓜ Requires a TPMS to notify the driver when any tire is 25% below placard
- Ⓜ Sensors in spare tires are not required.
- Ⓜ System must alert driver if there is a system malfunction.
- Ⓜ Placard decal must be present.

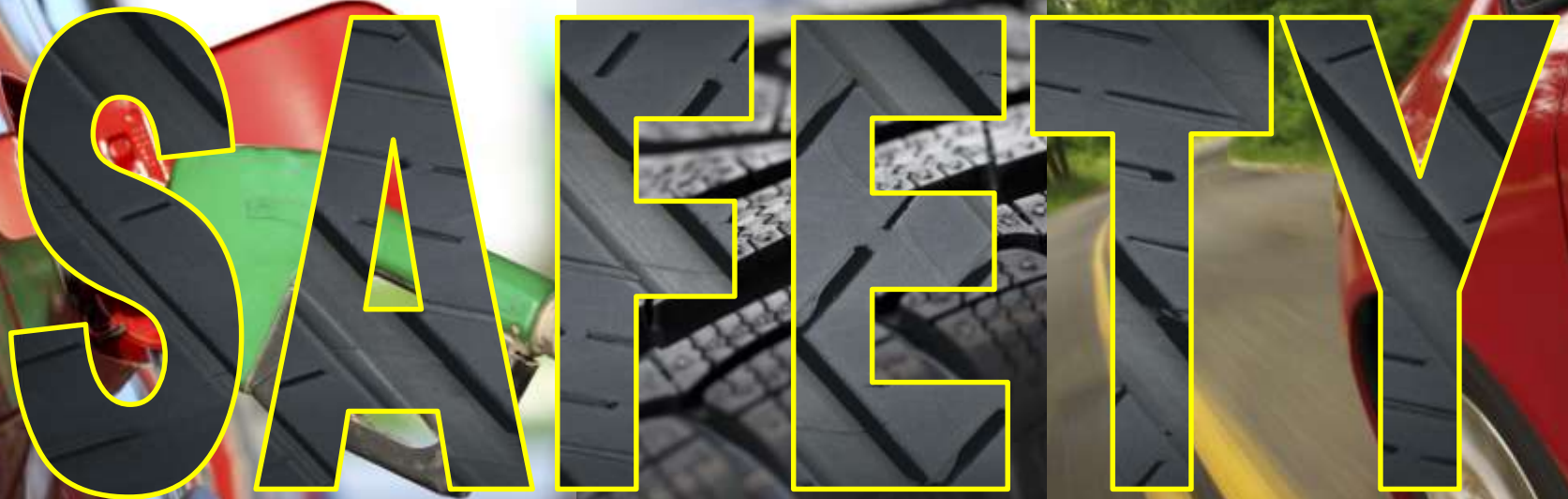
All vehicles described in the ruling , made in or sold in the U.S., must have Tire Pressure Monitoring Systems by Model Year 2008

Phased in requirement

- Ⓜ 20% Compliance MY 2006.
- Ⓜ 70 % Compliance MY 2007.
- Ⓜ 100 Compliance MY 2008.

The Benefits to Proper Tire Pressure

- 🛞 Fuel economy
- 🛞 Better tread wear
- 🛞 Improved handling and performance



SAFETY

Typical Direct TPMS



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Low
Pressure



System
Issue



Model Year	Vehicles Sold	Vehicles w/ TPMS	Vehicles w/ Sensors installed
2013*	15,360,000	100%	15,360,000
2012	14,492,398	100%	14,492,398
2011	12,779,007	100%	12,779,007
2010	11,589,844	100%	11,589,844
2009	10,430,969	100%	10,430,969
2008	13,245,687	100%	13,245,687
2007	16,154,010	70%	10,607,807
2006	16,561,482	20%	3,399,437
2005	16,997,182	20%	3,398,931
2004	16,913,361	10%	1,691,336
Estimated No. of total vehicles with TPMS			96,995,416
Estimated No. of total TPMS sensors installed			387,981,664*

Based on cumulative vehicles sales since 2004 and with a 5% average scrap rate each year. By the end of 2013, there will be an estimated 78,000,000 cars on the road with TPMS or approximately 315,000,000 TPMS sensors!



49 USC 30122(b) Making safety devices and elements inoperative

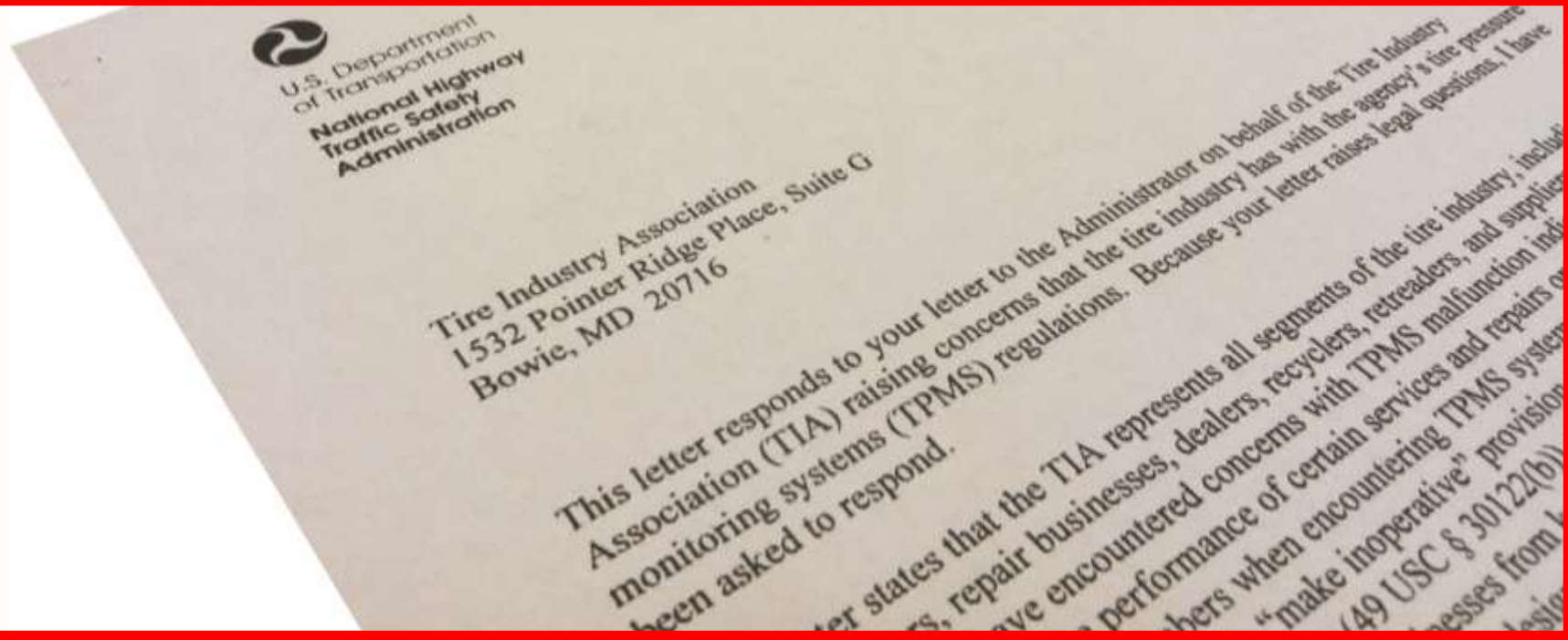
DEFINITION In this section, "motor vehicle repair business" means a person holding itself out to the public to repair for compensation a motor vehicle or motor vehicle equipment.

PROHIBITION A manufacturer, distributor, dealer, or motor vehicle repair business may not knowingly make inoperative any part of a device or element of design installed on or in a motor vehicle or motor vehicle equipment in compliance with an applicable motor vehicle safety standard prescribed under this chapter unless the manufacturer, distributor, dealer, or repair business reasonably believes the vehicle or equipment will not be used (except for testing or a similar purpose during maintenance or repair) when the device or element is inoperative.

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- ⚠ TPMS is inoperative PRIOR to working on the vehicle
- ⚠ Alternate set wheel/tires are purchased
- ⚠ Service provider inadvertently breaks a functioning Sensor
- ⚠ After service vehicle comes back with TPMS light on



What do we do now?

- 🔑 Learn the six steps to proper TPMS Service
- 🔑 Make a plan
- 🔑 Invest in the right tools and parts
- 🔑 Take care of your customers

2 TPMS
SUCCESS