

## INSTALLATION OF R-290 TIRE PRESSURE MONITORING SENSOR KIT 2008-2010 FORD F-250/350 ALL SRW MODELS

### INSTALLATION SAFETY PRECAUTIONS

If any installation problems are encountered, please call G&B Specialties for technical assistance before continuing with the installation process.



- Failure to heed to any of the following warnings could result in severe bodily injury and/or equipment damage.
- Read and understand this manual completely before attempting installation of the equipment.
- Installation instructions provided below only address the Rafna railgear equipment. Applicable railway company procedures and policies must be adhered to.
- The road wheels and tires must be installed before the railgear is installed to obtain correct height measurements.
- Do not hit the wheel adapter with any hard objects as this could dent the adapter and cause vibrations when driving. If the adapters do not easily slide onto the hubs, lightly sand the hub and the inside of the adapter.
- Before performing any work under the vehicle or railgear, ensure the engine is turned off and the parking brake is set.
- With the installation of the vehicle road wheels and tires, it is recommended to recalibrate the vehicle's speedometer.

## INSTALLATION OF TIRE PRESSURE MONITORING SENSOR

The following procedure details the installation of the tire pressure sensor on the 19.5" steel wheels provided with the RAFNA Railgear equipment. The hardware required for this installation for one sensor and one wheel is listed in Table 1.

**Table 1: Tire Pressure Monitoring Sensor Installation kit**

Part Number	Description	Qty
S-201502	19.5" x 6.75" Wheel 5.60" Offset	Ref
R-14002	Tire Pressure Monitoring Sensor Band	4
R-14007	Tire Pressure Monitoring Sensor Kit, Spare Tire	1

### Tire Pressure Monitoring Sensor (TPMS)

The OEM TPS does not need be replaced. The OEM TPMS is capable of operating at the higher pressures required for the 225/70R19.5" tires. However, a new strap is required for the 19.5" wheel.

### Installation of Tire Pressure Monitoring Sensor (TPMS)

1. Use the following attached Ford manuals for disassembly procedure and replace the OEM TPMS strap with the supplied TPMS strap for the 19.5" wheel. Refer to the attached Ford manuals assembling the tire pressure sensor kit for the spare tire.

**NOTE: FORD MANUALS ARE USED ONLY FOR REFERENCE. WHEEL AND TIRE PART NUMBERS IN THE FORD MANUALS DO NOT COINCIDE WITH G&B PART NUMBERS. THE TPMS STRAP LISTED IN THE FORD MANUALS CANNOT BE USED WITH RAFNA RAILGEAR APPLICATIONS.**

2. Refer to the attached Ford manuals for proper procedure in installation and refer to the owner's manual in the truck for programming instructions.

### Tire Inflation

Tires should be inflated to the recommended pressure located on the tire or by a company standard.

The proper tire pressure should be determined by the operator of the vehicle, depending on vehicle load and operating conditions.