

Tire Mount/Dismount on Wheels with Rim Mounted Tire Pressure Monitoring Sensors

TECH TIP for removal/installation of the tire is available in the PTS / Motorcraft web sites under service tips. Audio/Video TPMS training course #30N14W0 is recommended for proper tire service procedure. For complete details refer to Sec. 204-04 Wheel and Tires in workshop manual.

Rim mounted TPMS sensor:

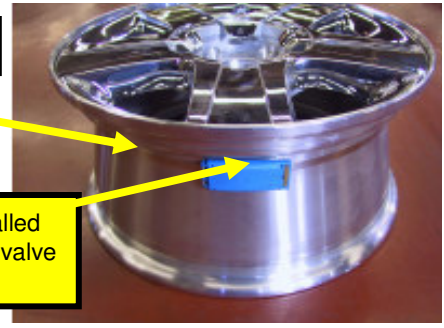
1. Installed on Explorer/Mountaineer '06, Escape/Mariner/Hybrid '06, Freestar/Monterey '06 and '07 Sport Trac, '07 Ranger, '07 Mustang, Edge/MKX, '07 F-Series except for vehicles that call for different front/rear tire pressure settings.
2. Sensor is banded to wheel by steel strap.
3. Sensor is 180 deg opposite to valve stem.
4. Wheels are stamped or cast at the back with verbiage "SENSOR MAY BE INSIDE".



Rubber valve stem

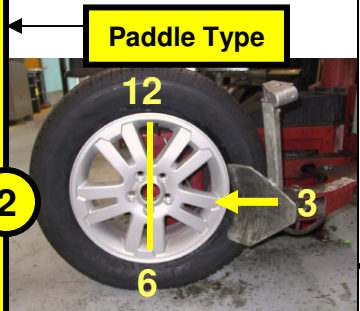
Steel strap

TPMS sensor is installed 180 deg. opposite to valve stem.



1 Index mark the valve stem & wheel weights.

For paddle-type tire machine, position the valve stem at 12 or 6 o'clock and the paddle at 3 o'clock position.



Paddle Type

2

For a roller-type tire machine, align the valve stem with the roller at any position.



Roller Type

Do not allow the tire beads to move beyond the wheel mid-plane (middle of the wheel) when separating the beads from the wheels or damage to the TPMS sensor may occur.

Tire Dismount



3

Position valve hole at 5:30 position relative to machine arm at 12 o'clock and dismount top tire bead.



4

Reposition valve hole at 5:30 and dismount bottom tire bead.

Tire Mount



5

Position valve hole at 12 o'clock (under tire machine mounting head) and mount the bottom tire bead.



6

Reposition valve hole at 12 o'clock and mount top tire bead.

