

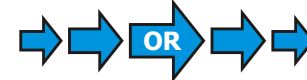
A Sensor Check

1 Check TPMS Sensor

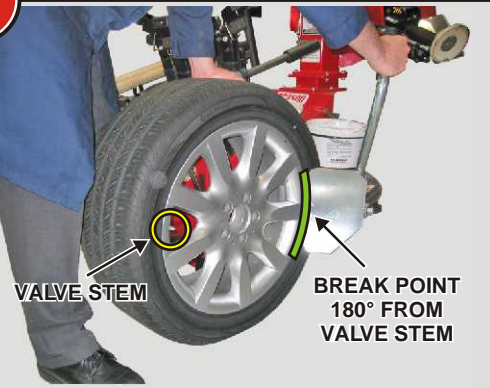


Check TPMS sensor with handheld scanner to verify operability.

B Bead Breaking - Using Side Shovel



1 Bead Breaking Using Side Shovel - Front



Break front bead 180 degrees away from valve stem.

2 Bead Breaking Using Side Shovel - Back



Break rear bead 90-270 degrees away from valve stem.

B Bead Breaking - Using Bead Loosener Arms

1 Bead Breaking Using Bead Loosener Arms - Bottom



Loosen bottom bead by rotating counterclockwise using bead loosener arm.

2 Bead Breaking Using Bead Loosener Arms - Top



Loosen top bead by rotating counterclockwise using bead loosener arm.

C Demounting

1 Optional Step



Loosen sensor nut and drop sensor into tire.

2 Lubricate Upper Bead & Rim



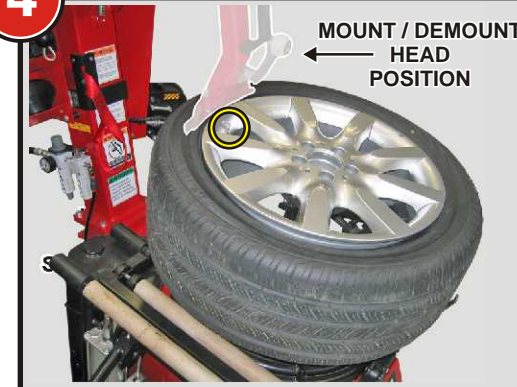
Lubricate the upper bead (paste recommended) and rim with the upper bead pressed down with bead loosener arms.

3 Create Gap For Bead Lever



Using the top loosener arm, create a gap between the rim and bead and insert bead lever. Use plastic protector on lever.

4 Sensor Position



If sensor is still in place, position valve stem such that sensor is located directly under the mount / demount head.

5 Position Mount / Demount Head



Lower the mount / demount head into place. Release bead loosener arm and move it aside.

6 Demount Upper Bead



Lift bead over mount / demount head using bead lever. Hold lever flat. Rotate slowly clockwise.

7 Demount Upper Bead



Continue rotating slowly clockwise until upper bead is completely free of rim.

8 Retrieve Sensor



If sensor has been previously removed, (optional step C1) retrieve it now.

9 Position Sensor & Demount Lower Bead



NOTE VALVE STEM / SENSOR AND MOUNT / DEMOUNT HEAD POSITION

Position sensor below mount / demount head. Lift bead over mount / demount head using bead lever. Hold lever flat. Rotate slowly clockwise.

10 Demount Lower Bead



Continue rotating slowly clockwise until lower bead is completely free of rim.

D Mounting

1

Install Sensor



If sensor was removed, (optional step C1) install using new o-rings. Torque to 35 in lb. (4 Nm). Verify torque specification with service manual.

2

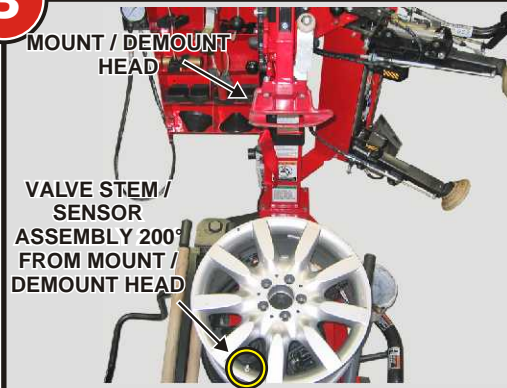
Prepare Tire & Rim



Generously lubricate the rim at both bead seats and the tire on both beads.

3

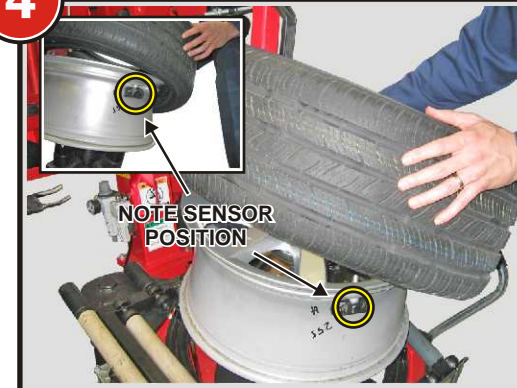
Position Sensor For Mounting



Position sensor such that it is approximately 200 degrees clockwise from mount / demount head.

4

Place Tire Onto Rim



Place tire onto rim and over mount / demount head. Note sensor position.

5

Mount Lower Bead



Locate tire onto mount / demount head. Rotate clockwise to mount lower bead.

6

Position Sensor



Position sensor approximately 100 degrees clockwise from mount / demount head.

7

Position Bead Press Roller



Orient the tire onto the mount / demount head. Flip down the bead press roller.

8

Insert Bead Depressor Tail



Insert the bead depressor tail just behind (counterclockwise from) the sensor.

9

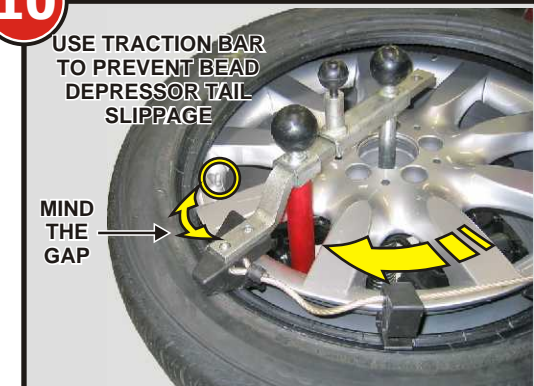
Insert Additional Blocks



Rotate slowly clockwise and insert additional bead depressor tail blocks as needed.

10

Using Traction Bar



Be cautious of the bead depressor tail slipping, allowing the sensor to get too far ahead of the leading edge of tail.

11

Complete Mount



Continue to rotate slowly clockwise to complete mounting of tire.

12

Remove Bead Depressor Tail



Remove the mount / demount head. Position the bead loosener arm, rotate counterclockwise to remove bead depressor tail.

13

Inflate Tire



Inflate tire to manufacturer recommended pressure.

14

Verify Sensor Operation



Verify TPMS sensor operability with handheld scanner.

TIP

Mounting Tip



TIP: When mounting, if you have placed sensor correctly, the bead will complete mount with sensor under mount head.