

TOOTHED SENSOR RINGS REAR WHEEL DRIVE VEHICLES WITH ANTI-LOCK BRAKING SYSTEMS

Many late model rear wheel drive automobiles are equipped with an anti-lock brake system. These type vehicles normally have their front toothed sensor rings pressed on to the inboard side of the rotors (see Fig. 1).

Wagner is manufacturing many of these rotors (in a wide range of applications) with the toothed sensor ring pressed onto

the rotor as an integral part of the assembly. Removal is not recommended. If the toothed sensor ring is serviceable and/or removable (limited early model applications), special tools are required to remove and re-install this ring in order to reduce the risk of damage (see Figs. 2 and 3). Most manufacturers discourage the removal of the toothed sensor rings because they can be easily damaged or

they are just not serviced as a separate component.

When replacing rotors on rear wheel drive vehicles equipped with anti-lock braking systems, always make sure of the correct number of teeth on the ring and check/adjust speed sensor air gap according to the service manual (see Fig. 4).

Figure 1

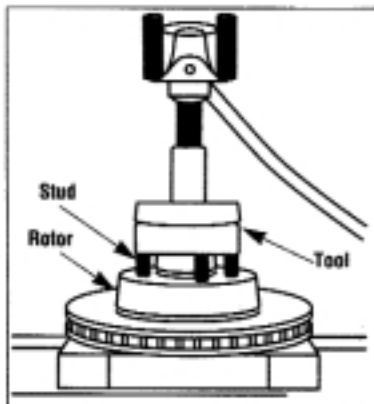
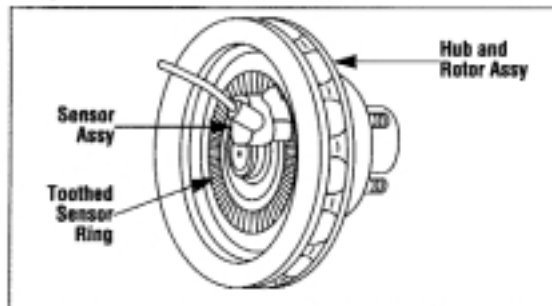


Figure 2
Front toothed sensor ring removal

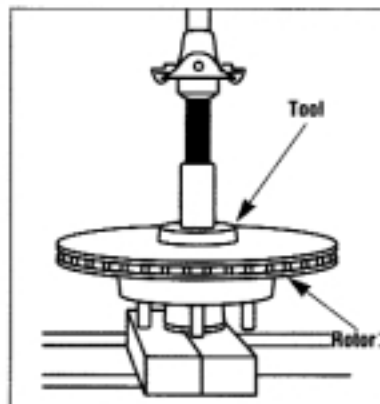


Figure 3
Front toothed sensor ring installation

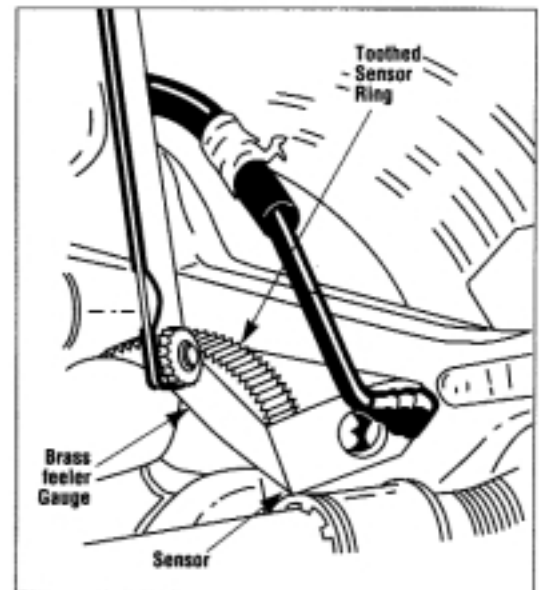


Figure 4
Speed sensor air gap