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Service Tips and Best Practices

Broken ABS Sensor Removal

Brand	BXT/Supreme Wheel Hub Assemblies/TTX Wheel Hub Assemblies				
Product	Wheel Bearings and Wheel Hub Assemblies	**Date**	April 2021	**Part Number(s)**	Various

In some cases when replacing a faulty ABS sensor, it may break and become lodged in the spindle or knuckle, adding complication and time to the overall repair.

To extract the broken portion of the ABS sensor quickly and efficiently:

(1) Locate appropriately sized:

- Locking pliers
- Self-tapping screw
- Drill and drill bit with a diameter smaller than the self-tapping screw

(2) Use the drill and drill bit to create a pilot hole. Ensure the pilot hole does not exceed the length of the broken portion of the ABS sensor to avoid potential damage to the ABS reluctor ring.

(3) Thread the self-tapping screw into the pilot hole. Do not exceed the length of the pilot hole. Secure the locking pliers to the self-tapping screw.

(4) Use locking pliers to leverage out the broken portion of the ABS sensor. Some lubricant and or penetrating oil may assist this process.

(5) Ensure to remove and clean any debris, corrosion and or rust from the ABS sensor mating surface and spindle or knuckle bore.

Always ensure to refer to the factory service manual for correct removal and installation procedures, torque values and sequences.

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