

Procedure 7.17 - Replacing the Speed Sensor Assembly

IMPORTANT

On units built after August 21, 1996, the speed sensor cable is connected to the speed sensor via a connector.

Removing the Speed Sensor Assembly

8. With the lift set at level 1, turn off the EFX 544 with the circuit breaker, then unplug the power cord from the wall outlet.

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One, Things You Should Know.

9. Remove the front and rear covers as described in Procedure 7.1.
10. Remove the screw(s) that secures the speed sensor assembly to the rear frame upright.
11. If the unit you are servicing was built before August 22, 1996 . . .

THEN . . .

Continue with the next step.

OTHERWISE . . .

Disconnect the speed sensor cable from the speed sensor. Skip to Step 7.

IMPORTANT

Do not remove the old speed sensor cable from when you perform the next step.

12. Cut the speed sensor cable off of the defective speed sensor. Remove the speed sensor cable from the lower PCA.
13. Tape the connector on the new speed sensor assembly to the old speed sensor. Pull the old speed sensor assembly through the slot in the horizontal frame member until the new sensor assembly is in position. Separate the old and new speed sensor cables.

Replacing the Speed Sensor Assembly

14. Position the speed sensor so that the sensor "legs" evenly straddle the edge of the speed label.
15. Replace the screw(s) that secures the speed sensor to the rear frame upright.

CAUTION

Rotate the eddy current disk assembly shaft. Check to be sure that the speed label does not rub against the speed sensor.

16. If the unit you are servicing was built before August 22, 1996 . . .

THEN . . .

Connect the speed sensor cable to the lower PCA. Continue with the next step.

OTHERWISE . . .

Connect the speed sensor cable to the speed sensor. Continue with the next step.

17. Re-install the front and rear covers as described in Procedure 7.1, then check the operation of the EFX 544 as described in Section Four.