

Speed Sensor (Manual Transmission)

1. Remove the axle bolts on the rear driver's side inner axle. Place sensor ring on the outside of the cup under the axle bolts with axle bolt washers on the inside of the ring (Fig. 1). Reinstall the axle bolts and torque them to factory specifications of 33 ft. lbs. * **CHECK THE BOLT INSTALLATION AND VERIFY THAT THE BOLTS ARE ENGAUGING ENOUGH OF THE THREADS IN THE CUP, IF THEY ARE NOT, NEW BOLTS MAY NEED TO SOURCED***
2. Remove the bolt for the hydraulic clutch line mounting bracket at the side of the transmission just in front of the left rear axle. Insert the speed sensor bracket (provided) behind the clutch line mounting bracket against the transmission and reinstall the bolt (Fig.2).
3. Insert the speed sensor into the bracket and tighten the two jam nuts up against the bracket which will hold the speed sensor stationary. You'll want to keep the speed sensor at a maximum distance of 3/16" from the highest point of the tabs on the speed sensor ring (Fig.3).
4. You will need to crimp on the provided butt connectors to the 3 wires in the junction box which are key on power (ignition hot), ground, and signal. After this connection is made, use a heat gun to shrink the connectors and route the connector end of the speed sensor into the junction box (Fig.4). Store them in the junction box. Make certain to secure the wire that comes off the speed sensor to the clutch line or clutch line bracket.

Brown : 12v Ignition Hot

Black : Signal

Blue : Ground

