



## E-Maxx Center CV Driveshaft Installation

**Tools Needed:** • 2mm hex wrench • 2.5mm hex wrench

### Important Notes:

- Pay attention to the orientation of the shafts during installation. The end with the red metal sleeve always connects to the differential.
- Four new screw pins are included for installation and should be used.

### Center Driveshaft Removal:

1. Using a 2mm hex wrench, remove the four 3x8mm countersunk screws from center skid plate and set the skid plate aside (A).
2. Using a 2mm hex wrench, remove the screw pin from the rear yoke at the differential input and remove the yoke from the input shaft (B).
3. Remove the screw pin from the rear transmission output yoke, and remove the driveshaft assembly from the truck (C).
4. Remove the screw pin from the front differential input yoke, and remove the front yoke from the input shaft (D).
5. Remove the screw pin at the front transmission output yoke, and remove the driveshaft assembly from the vehicle (E).

### Center Driveshaft Installation:

1. Loosen the four 4x12mm button-head transmission screws with a 2.5mm hex wrench, giving the transmission enough play to allow driveshaft installation (F).
2. Locate the rear driveshaft (long) and slide the rear drive cup (end with red sleeve) onto the differential input shaft, line up the hole in the shaft with the drive cup, and secure with the supplied screw pin (G). **Note:** The screw pins will not thread fully into the drive cups. Tighten each screw-pin until snug.
3. Slide the drive cup at the other end of the rear shaft onto the transmission output shaft, securing the assembly with the supplied screw pin (H).
4. Locate the front CV driveshaft (short) and install the front drive cup (end with red sleeve) onto the differential input shaft, lining up the hole in the shaft with the CV drive cup. Install the supplied screw pin using a 2mm hex wrench (I).
5. Install the drive cup at the other end of the shaft onto the transmission output shaft, and secure with the supplied screw pin (J).
6. Tighten the 4x12mm button-head screws in the transmission mount using a 2.5mm hex wrench. **Caution:** Be careful not to pinch antenna or servo wires.
7. Reinstall the transmission skid plate with the four 3x8mm countersunk screws (K).

### CV Driveshaft Maintenance

The metal driveshafts are lubed from the factory and allow for extended maintenance intervals. It is still important to provide regular maintenance to ensure long life. Follow the tips below:

After every four hours of total runtime:\*

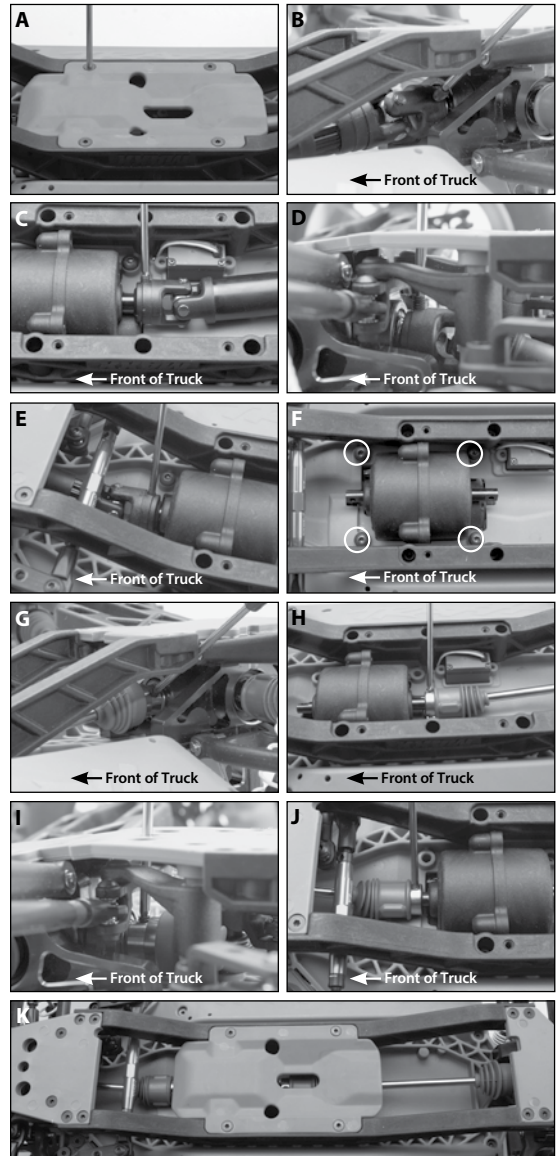
1. Pull the dust boots toward the middle of the shaft to inspect and clean the inner and outer shaft joints.
2. Clean the joints and dust boots with denatured alcohol.
3. Inspect drive cups and driveshafts for wear.
4. Inspect the dust boots for wear.
5. Re-lube the driveshaft joints. The recommended and factory applied grease for the driveshaft joints is the Traxxas #2717 Thrust Bearing Lube.
6. Push the dust boots back over the joints, making sure that the boots fit snugly. Note that the molded pins inside the dust boots for the output drive cups on the transmission must key into the holes in the cups.

\*Perform these steps after every two hours of total runtime when running in sand or conditions that include very fine dust.

### Replacement Parts

5153 Drive cups, inner (2) Revo/Maxx (steel constant-velocity driveshafts)/ screw pin, M4/15(2) .....	\$8.00
5162 Drive cup (1) (attaches to T-Maxx/E-Maxx diff input shaft,)/screw pin, M4/15 (1)/ sleeve (1) (for steel constant-velocity center driveshafts).....	\$9.00
5129 Rebuild kit (for Revo/Maxx steel constant-velocity driveshafts) (includes pins, dustboots , and lube for 2 driveshaft assemblies) .....	\$7.00
5187 Driveshaft, steel constant-velocity (shaft only, 55mm)/ drive cup pin (1) (fits front center shaft on 3905 E-Maxx).....	\$8.00
5188 Driveshaft, steel constant-velocity (shaft only, 112mm)/ drive cup pin (1) (fits rear center shaft on 3905 E-Maxx).....	\$10.00

Covers Part #5151R



**Note:** The 3905 E-Maxx model in these images is shown with the 3905 accessory two-speed kit (part #3998) installed. The two-speed kit is NOT required to install the center CV driveshafts.

### Driveshaft Assembly

