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## Header Collector Tether Installation Instructions

### General Installation Notes:

Please read instructions completely before beginning installation. If you have any questions please call.

Before starting installation, scotch vehicle tires to avoid accidental movement of the vehicle. Disconnect negative battery cable before beginning installation.

We recommend applying anti-seize lubricant to all stainless steel threads before final assembly.

Refer to Fig. 1 and Fig. 2 for the component names.

Do not remove the factory-applied masking tape from the tether cables until instructed to do so.

Do not remove the anti-seize compound that has been applied to the T bolts.

**Step 1:** Remove the lock nuts from the T bolts on the collector clamps and primary clamps.

**Step 2:** Place a primary clamp onto the most accessible header primary tube. Install the crimped eye end of the tether cable onto the T bolt, and then insert the T bolt into the clamp trunnion. Install the lock nut onto the T bolt, and temporarily snug the nut down, just enough to prevent the clamp from moving. **Fig. 2**

**Step 3:** Place a collector clamp onto the header collector, with the T bolt aligned with the T bolt on the primary clamp. Insert the T bolt into the clamp trunnion. Install the lock nut onto the T bolt, and temporarily snug it down just enough to keep the clamp from moving.

**Step 4:** Bring the tether cable up to the T bolt in the collector clamp. Pull it straight, so that there isn't any slack in the tether cable. Mark the tether cable at the centerline of the T bolt.

**Step 5:** Remove the tether cable from the primary clamp T bolt.

**Step 6:** Measure 7/16" from the mark you made in **Step 4** on the tether cable back towards the crimped eye end, and make a second mark. Wrap tape around the cable at the second mark to keep the cable from splaying, and use a cutoff wheel or chop saw to cut the tether cable at the second mark. You also may use heavy duty 8" diagonal cutting pliers. Lokar recommends Klein brand Diagonal Cutting Pliers, # D2000-28 available at The Home Depot or through W. W. Graingers, Part # 4A838. Remove the tape, and deburr the end of the tether cable where it was cut. **Fig. 3**

**Step 7:** Remove the factory-applied masking tape from the tether cable.

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**NOTE:** If you wish to install the tether tag on the primary or collector clamp T bolts instead of on the tether cable, then remove the ferrule, fitting nut, and tether tag from the tether cable. Reinstall the fitting nut and ferrule, making sure that the ferrule is installed with the tapered end pointing away from the fitting nut.

**Step 8:** Apply anti-seize lubricant to the threads on the fitting eyelet. Insert the cut end of the tether cable all the way into the fitting eyelet. **Fig. 4** Slide the ferrule into the fitting eyelet, and then thread the fitting nut onto the fitting eyelet just finger tight. Make sure that the hole in the crimped eye end of the tether cable is aligned with the hole in the fitting eyelet, so that the tether cable will not be twisted when it is installed. **Then use two 9/16" wrenches to tighten the fitting nut completely, until the fitting nut bottoms out against the fitting eyelet.**

**Make sure that the fitting nut is completely bottomed out against the fitting eyelet.**  
**Fig. 5**

**Step 9:** The fitting nut can be secured by installing the provided E-clip or by threading safety wire (not included) through the slots. If you use the E-clip, make sure that the three points on the E-clip are fully seated in the three slots in the fitting nut. **Fig. 6**

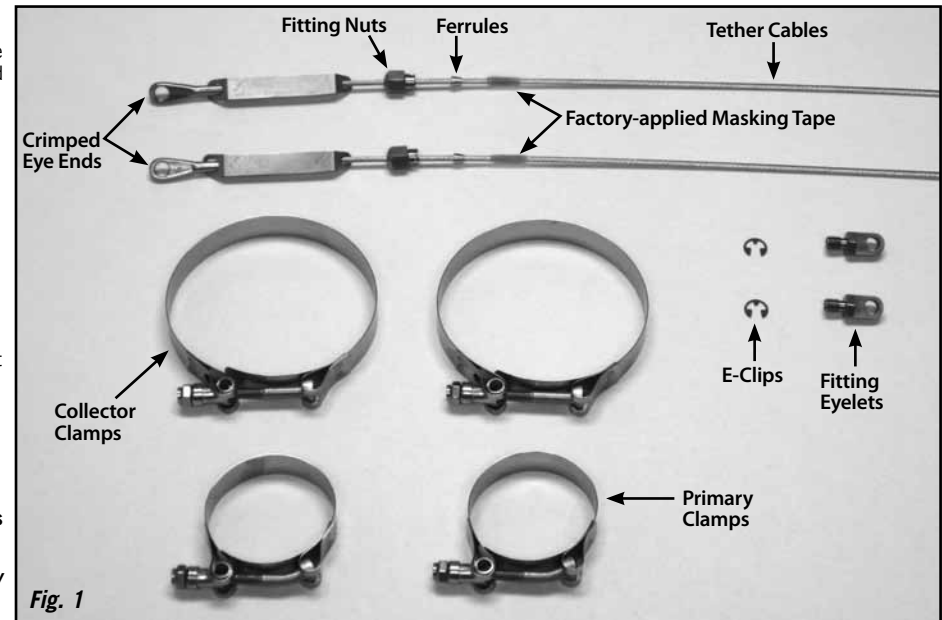
**Step 10:** Install the crimped eye end of the tether cable onto the T bolt in the primary clamp, and install the fitting eyelet onto the T bolt in the collector clamp. Insert the T bolts into the clamp trunnions.

**NOTE:** If you removed the tether tags from the tether cables in **Step 8** above, you may install the tether tags onto either the primary or the collector T bolts now.

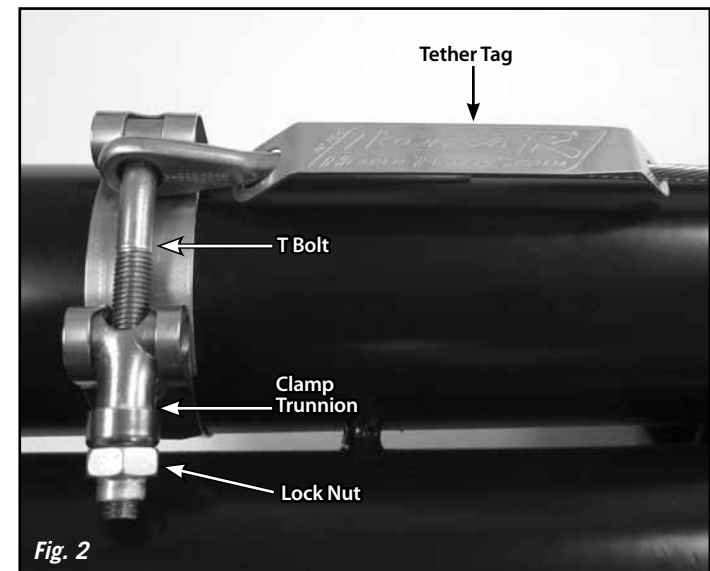
**Step 11:** Install the lock nuts onto the T bolts.

**NOTE:** If the tether tags are installed on the T bolts, bend the tether tags to fit close against the headers or clamps once the lock nuts are tightened.

Check to make sure that the clamps are tight enough that they will not slide, and that the tether cable has little to no slack in it. For a completed installation, see **Fig. 7** (tether tag on tether cable) or **Fig. 8** (tether tag on clamp T bolt).



**Fig. 1**



**Fig. 2**

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