

INSTRUCTIONS

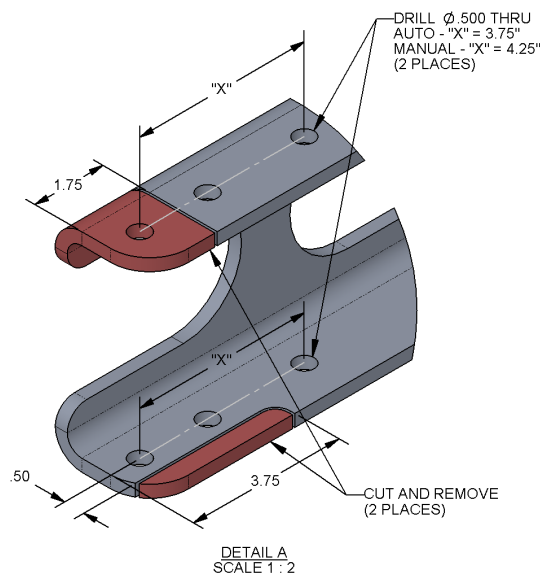
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916-C4004

TKO Trans Adapter, C4 Corvette

1. Securely support car on a lift or jack stands. A drive on or 4 post lift may make removal and install of C-beam easier by keeping the rear suspension loaded and at ride height.
2. Remove exhaust, drive shaft, C-beam and transmission. Retain OEM C-beam for reinstall.
3. Install new TREMEC TKO 500/600 transmission. Some modification of tunnel will be required for clearance with transmission and shifter.
4. Modify OEM C-beam as per following steps (see illustration).
5. Mark and drill 2 new $\frac{1}{2}$ " holes for rear bolt-in adapter.
 - a. For automatic cars, mark and drill at 3.75" back from front hole.
 - b. For manual cars, mark and drill at 4.25" back from front hole.
6. Cut off and discard material as shown for clearance with adapter bracket (2 places).
7. Slide C-beam into position in car and install adapter bracket to transmission using (2) M10 x 30 bolts and washers. **Do not torque any fasteners until all are assembled.**
8. Bolt adapter to rear mounting points on transmission using (2) M10 x 80 bolts. The rear bolt threads into nut attached to bracket. Secure the front bolt using (1) M10 lock nut.
9. Secure adapter bracket to front of C-beam using (2) M12 x 30 bolts, washers and lock nuts in front upper and lower holes.
10. Install (1) M12 x 160 bolt, sleeve, washers and lock nut through rear holes in C-beam and adapter. Insert bolt from bottom.
11. Moving to rear of C-beam, align and reinstall (2) OEM bolts, washers and lock nuts to rear end housing through C-beam. A pry bar may be required to align C-beam with rear end housing holes. Once all fasteners are assembled, double check and tighten.
12. Install new front slip yoke (purchased separately) and measure for new length of driveshaft. Rotate yoke and check clearance with C-beam, grind edge of torque arm if required.
13. Install new drive shaft and recheck all fasteners and clearances.

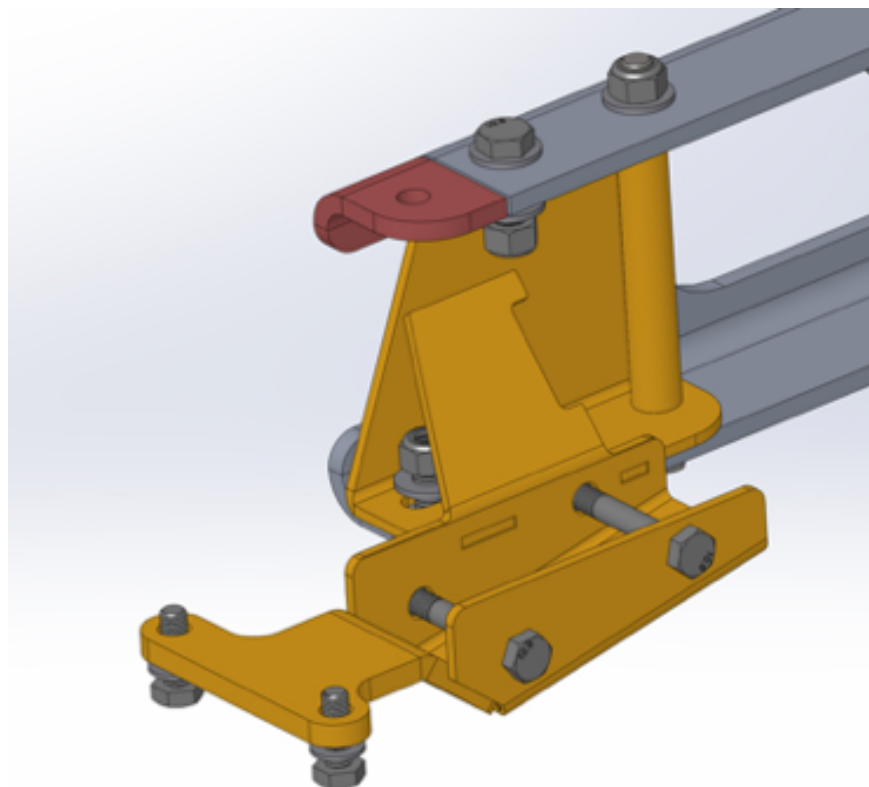
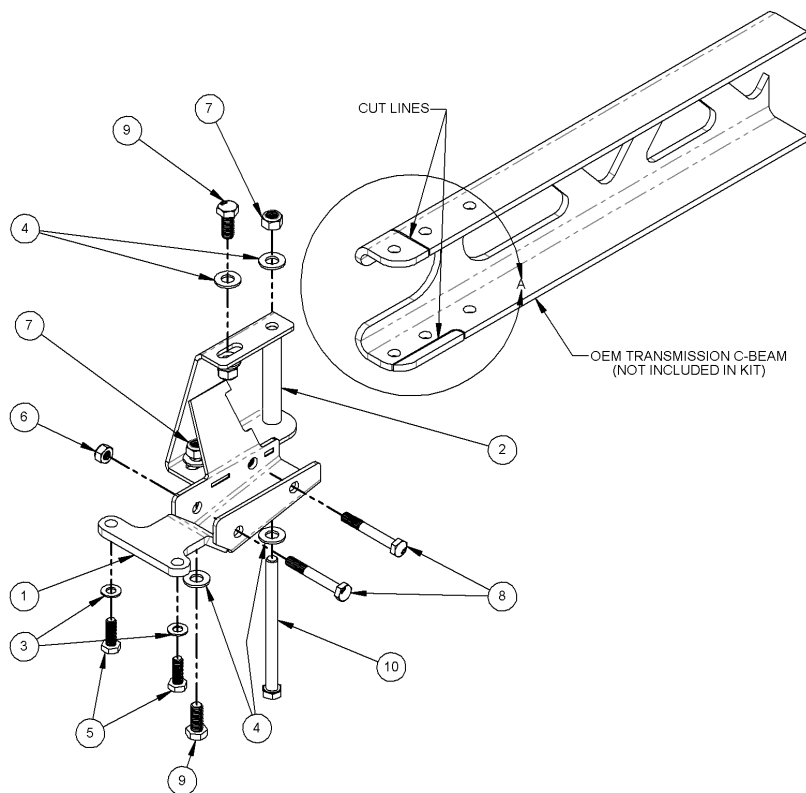


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916-C4004 TKO Trans Adapter, C4 Corvette



IMPORTANT

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