



## Swing Out Door Bar Kit P/N: C3182 & C3183

### Parts List

|                           |              |                 |
|---------------------------|--------------|-----------------|
| 2) Swing Out Brackets     | 1) 3/8" Bolt | 1) 3/8" Locknut |
| 1) 3/8" Quick Release Pin | 1) Lanyard   |                 |

The Competition Engineering Swing Out Door Bar kit is NHRA legal when installed following these instructions. If you are installing this kit on an existing roll bar or roll cage, you must first cut the existing door bar to facilitate the installation of the kit.

**NOTE: To be NHRA legal, the location of the hinge bolt and release pin MUST be within 8" of the vertical portion of the A-pillar and main hoop respectively.**

- Once the bar is cut, de-burr all exposed edges.
- It is recommended to attach the Upper Swing Out Bracket to the door bar and not the main hoop to allow for more room to enter and exit the vehicle. Position the Upper Bracket on the door bar (see illustration on back) such that it faces the outside of the vehicle with the holes oriented towards the main hoop and so that the end of the door bar is centered on the bracket.
- Tack weld the bracket to the door bar using either a MIG or TIG welder.
- Position the Lower (Hinge) Bracket on the section of tube that is attached to the A-pillar (see illustration on back) such that it faces the interior of the vehicle with the holes oriented toward the main hoop and the end of the tube is centered on the bracket.
- Tack weld the bracket to the tube using either a MIG or TIG welder.
- Place the Door Bar into position leaving approximately 1/8" space between the ends of the tubes and clamp in place.
- Transfer punch and drill a 3/8" hole through the tubes using the brackets as a guide, making sure that both the 3/8" Bolt and the Quick Release Pin fit freely through both the bracket and the tube.
- Remove the Door Bar and cut the hinge side of the bar so that the end of the bar is **no less than 5/8" from the center of the hole**. Cut this end of the tube on an angle as to allow the bar to pivot freely in the hinge.
- Test the operation of the bar making sure that the Quick Release Pin fits freely in it's hole.
- Finish welding the Brackets in place.
- A Lanyard is provided to attach the Quick Release Pin to the Main Hoop to prevent it from getting lost or dropped.

**For Technical Assistance, Call Competition Engineering's Tech Line at  
(203) 458-0542, 8:30am – 5:00pm Eastern Time**

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