



# CRE/3000 Qualification Form

- STEP 1a** If axles are Over Slung (OS), ALL frame hangers need to be a minimum of 3 1/4" tall.
- STEP 1b** If axles are Under Slung (US), ALL frame hangers need to be a minimum of 4 1/4" tall.
- STEP 2** Equalizer hanger width MUST be 3" (also 1 1/2" from edge of hanger to center of hole). If wider, hanger needs to be trimmed as shown. Contact MOR/ryde for variations other than what is shown.
- STEP 3** If frame hanger has height adjustment, the CRE/3000 must be installed in the tall ride height (lowest hole) OR the taller setting(s) (lowest holes) could be cut off—be sure to leave the same amount of material below the installation hole as there was below the bottom hole.
- STEP 4** Minimum of 1 11/16" (A) clearance from the side of the tire to the side of the frame hanger.
- STEP 5** Minimum of 3" (B) clearance from the top of the tire to the bottom of the floor at load (best practice is to have the axle assembly bottom into a bump stop on the frame before the tire contacts the floor).
- STEP 6** Minimum of 2 1/2" (C) clearance from the top of the axle/closest part of the axle assembly to the underside of the frame at load.
- STEP 7a** If the height of the stock equalizer is greater than 2 3/4" (D), subtract half the difference from the measured value from Steps 5 & 6 and verify the clearance is equal to or greater than the specified 2 1/2". (Example for a 3 1/2" tall equalizer:  $(3\ 1/2" - 2\ 3/4")/2 = 3/8"$  Now subtract this from your measured value of Steps 5 & 6 and verify the result is equal to or greater than the 2 1/2" (C) and 3" (B) requirements.)
- STEP 7b** If the height of the stock equalizer is less than 2 3/4", add half the difference to the measured value from Steps 5 and 6 and verify the clearance is equal to or greater than the specified 2 1/2" (C). (Example for a 2 1/2" tall equalizer:  $(2\ 3/4" - 2\ 1/2")/2 = 1/8"$  Now add this to your measured value of Steps 5 & 6 and verify the result is equal to or greater than the 2 1/2" (C) and 3" (B) requirements.)
- STEP 8** Verify that the frame hanger spread (FHS) is a minimum of 58 7/8" for a 33" wheel base and 60 3/4" for a 35" wheel base.
- STEP 9** Shackle links that are 2 1/4" hole center to hole center must be used.
- STEP 10** The CRE/3000 is designed for a 1 3/4" wide double eye (not slipper style) leaf spring and will NOT work with an 8k axle spring pack (i.e. 7 leaves in which the second leaf down from the top is the same length as the top leaf).

