

## 200 Series QC Adapter – 200-QCA-4700

| APPLICATION   | TOP BOLT                     | BOTTOM BOLT                    | SPECIAL NOTES                     |
|---|------------------------------|--------------------------------|-----------------------------------|
| 1" Bourgault shank without seed boot                      | 1/2" x 2-1/4" no lock washer | 1/2" x 2-1/4" no lock washer   | Hex-head bolts                    |
| 1" Bourgault shank with round tube Bourgault seed boot    | 1/2" x 2" no lock washer     | 1/2" x 2-1/4" no lock washer   | Hex-head bolts, grade 8 required  |
| 1" Bourgault shank with square tube Bourgault seed boot   | 1/2" x 2-1/2" no lock washer | 1/2" x 2" no lock washer       | Hex-head bolts, grade 8 required  |
| 7/8" Bourgault shank without seed boot                    | 1/2" x 2" no lock washer     | 1/2" x 2" no lock washer       | Hex-head bolts                    |
| 7/8" Bourgault shank with round tube Bourgault seed boot  | 1/2" x 2" no lock washer     | 1/2" x 2-1/4" no lock washer   | Hex-head bolts, grade 8 required  |
| 7/8" Bourgault shank with square tube Bourgault seed boot | 1/2" x 2" no lock washer     | 1/2" x 2-1/4" no lock washer   | Hex-head bolts, grade 8 required  |
| 3/4" Bourgault shank without seed boot                    | 1/2" x 2" no lock washer     | 1/2" x 2" no lock washer       | Hex-head bolts                    |
| 3/4" Bourgault shank with round tube Bourgault seed boot  | 1/2" x 1-3/4" no lock washer | 1/2" x 2" c/w with lock washer | Hex-head bolts                    |
| 3/4" Bourgault shank with square tube Bourgault seed boot | 1/2" x 1-3/4" no lock washer | 1/2" x 2-1/4" with lock washer | Hex-head bolts                    |
| 3/4" Ezee-On shank without seed boot                      | 7/16" x 1-3/4"               | 7/16" x 1-3/4"                 | Hex-head bolts (see note 3 below) |
| 7/8" Ezee-On shank without seed boot                      | 7/16" x 2"                   | 7/16" x 2"                     | Hex-head bolts (see note 3 below) |

NOTES: 1) Above bolt lengths are determined using prevailing torque side locknuts – grade C. This special locknut is necessary to keep the adapter tight. It is very important to use it, especially in stony or hard ground conditions. 2) Grade 8 bolts are required with the Bourgault 7/8" and 1" shanks where seed boots are involved. If not used, bolt loosening may occur. 3) Shanks with 7/16" holes require the special oversize head hex bolt.

## 200 Series QC Adapter – 200-QCA-4710

| APPLICATION                                      | TOP BOLT                      | BOTTOM BOLT                   | SPECIAL NOTES                |
|--|-------------------------------|-------------------------------|------------------------------|
| 3/4" and 7/8" Flexi-Coil shank without seed boot | 7/16" x 2-1/4" no lock washer | 7/16" x 2-1/4" no lock washer | Plow bolt (see note 2 below) |
| 7/8" Flexi-Coil shank with 5649 seed boot        | 7/16" x 2-1/2" no lock washer | 7/16" x 3-7/8" no lock washer | Plow bolt (see note 2 below) |
| 1/2" Morris Challenger shank without seed boot   | 3/8" x 1-3/4" no lock washer  | 3/8" x 1-3/4" no lock washer  | Plow bolt (see note 2 below) |
| 5/8" Morris Challenger shank without seed boot   | 3/8" x 2" no lock washer      | 3/8" x 2" no lock washer      | Plow bolt (see note 2 below) |
| 7/8" Morris shank without seed boot              | 7/16" x 2-1/4" no lock washer | 7/16" x 2-1/4" no lock washer | Plow bolt (see note 2 below) |
| 9/16" CIL shank without seed boot                | 3/8" x 2" no lock washer      | 3/8" x 2" no lock washer      | Plow bolt (see note 2 below) |
| 5/8" John Deere shank without seed boot          | 7/16" x 2" no lock washer     | 7/16" x 2" no lock washer     | Plow bolt (see note 2 below) |
| 3/4" Degelman shank                              | 7/16" x 2-1/4" no lock washer | 7/16" x 2-1/4" no lock washer | Plow bolt (see note 2 below) |
| 9/16" Wil-rich shank without seed boot           | 1/2" x 2" no lock washer      | 1/2" x 2" no lock washer      | Plow bolt                    |

## 200 Series QC Adapter – 200-QCA-5010

| APPLICATION                                       | TOP BOLT                       | BOTTOM BOLT                    | SPECIAL NOTES |
|---|--------------------------------|--------------------------------|---------------|
| 1" shank without seed boot or wedge               | 1/2" x 2-1/2" with lock washer | 1/2" x 2-1/2" with lock washer | Plow bolt     |
| 1-1/4" shank without seed boot seed boot or wedge | 1/2" x 2-3/4" with lock washer | 1/2" x 2-3/4" with lock washer | Plow bolt     |

NOTES: 1) Above bolt lengths are determined using prevailing torque side locknuts – grade C. This special locknut is necessary to keep the adapter tight. 2) Shanks with 3/8" and 7/16" holes require special oversize head plow bolts. 3) When bolting a seed boot, usually it is the bottom bolt which bolts the seed boot to the shank; the top bolt should remain the same length as listed above. If the seed boot cross section at the point the bolt goes through is 1/8" thick or less, use the same bolt length as above without the lock washer. If the seed boot cross section at the point the bolt goes through is greater than 1/8", increase bolt length by adding the measured cross section of the seed boot at the point the bolt goes through to the above lengths.