

6163
QUICK RELEASE STEERING HUB FOR
5-HOLE GRANT GT STEERING WHEEL

Note: This hub fits most 10-32 bolt 5-hole Grant steering wheels. The shaft adapter is designed to attach to a 3/4" x .049-4130 tube. Use 10/32 x 5/8" long flathead-allen screw (not provided) to attach steering wheel.

INSTALLATION

1. Before installing the hub, center the steering rack or steering box using the following technique: Turn the input shaft all the way one direction until it stops. Turn it in the opposite direction counting the number of turns until the rack or box stops again. Divide the number of turns by 2 and turn the steering rack or box back that number of turns, it will now be centered. Example: If the number of turns from lock to lock is 4-½, you would turn the rack or steering box back 2-¼ turns to center it.
2. The 3/4" steering shaft tube should extend past the column mounting tube 1". Drill a 1/4" diameter hole 1/2" from the end of the steering shaft tube through both walls. This will give you two holes to rosette weld through later.
3. Insert the steering shaft adapter into the hub. This is done by compressing the locking collar against the back of the steering hub. The polygon shape of the steering shaft adapter will only allow you to install it rotated one way. Make sure it is fully inserted and locked in place. Attach the steering hub to your steering wheel with the top of the wheel above the arrow on the steering shaft adapter.
4. Insert the steering shaft adapter, with quick release hub and steering wheel attached, into the 3/4" steering shaft tube. Rotate the steering wheel until the arrow on the steering shaft adapter is pointing straight up at 12 o'clock.
5. Tack weld the steering shaft adapter through the 2 rosettes to the steering shaft tube. Carefully remove the steering hub and steering wheel by compressing the lock collar against the back of the hub. Remove the steering shaft from the mounting tube so the bushing will not be damaged during welding. Finish welding the two rosettes first. This is done by completely welding the holes, making sure to penetrate the steering shaft adapter when welding. Next, weld the perimeter where the shaft adapter meets the end of the 3/4" steering shaft tube.

OPERATION TIPS

1. When reinstalling the steering wheel at the track, remember to look for the arrow on the steering shaft and rotate the top of the steering wheel to align with the arrow. This is easier to do if you get in the habit of only removing the steering wheel with the top of the wheel at 12 o'clock.
2. The most effective way to compress the locking collar is to put your thumbs on the center of the steering wheel, reach through the steering wheel spokes, put your fingers on the lock collar, and squeeze the collar to release the steering wheel.
3. After reinstallation, give a firm tug on the steering wheel to confirm that it is properly latched.

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