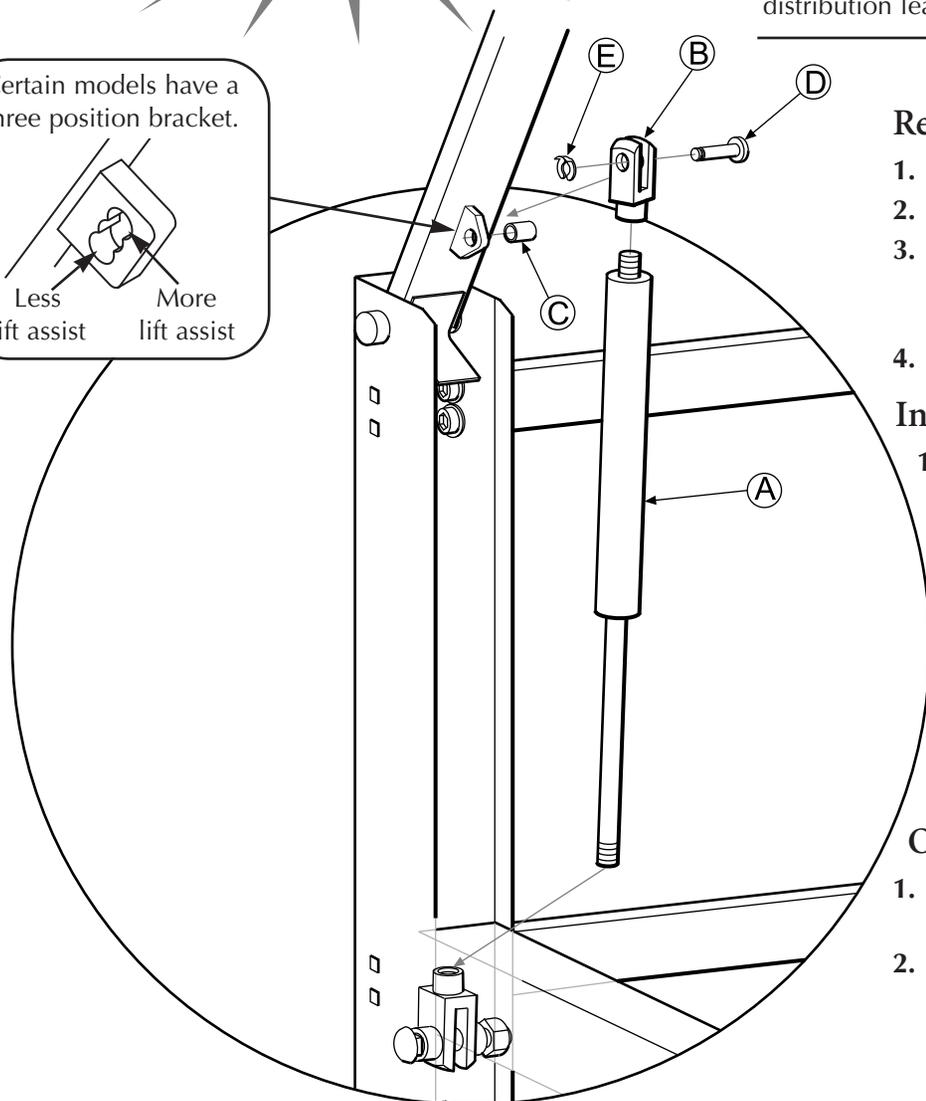
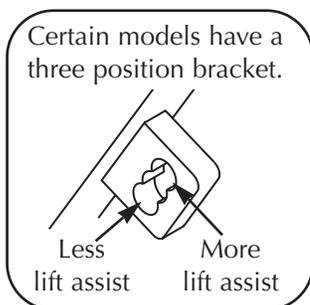




Installation / Replacement of Gas Springs

WARNING! Gas springs contain Nitrogen under high pressure. Failure to install exactly as per instructions may result in damage leading to failure of the gas spring and possible injury. Always replace both gas springs at the same time, even if only one appears to be worn or weak. Replacing only one gas spring may result in uneven load distribution leading to failure of either gas spring and possible injury.



Remove old gas springs (if needed)

1. Have a helper hold the canopy in its fully open position.
2. Remove retaining ring (E) and clevis pin (D).
3. Pull gas spring assembly forward, making sure bronze bushing (C) stays in place, and unscrew from lower clevis fork assembly. (After both gas springs are removed you may lower the canopy.)
4. Unscrew upper clevis forks (B) from old gas springs (A).

Install new gas springs

1. Install upper clevis forks (B) on piston ends of new gas springs (A).
2. Lift canopy to its fully open position and have a helper hold it.
3. Screw gas spring assembly into lower clevis fork assembly. You may need to twist the upper clevis forks slightly to engage the bronze bushing (C).
4. Lower the canopy until both clevis forks (B) engage the bronze bushings (C) and install clevis pins (D). Lock in place with retaining rings (E).

IMPORTANT! DO NOT lower canopy until both gas springs are in place and the retaining rings are engaged! Failure to engage retaining rings may result in the clevis forks working loose, allowing the canopy to fall, which may cause serious injury!

Operation

1. Lift and lower the canopy a few times to lubricate the seal inside the spring. Keep the canopy closed when not in use.
2. The gas springs should hold the canopy fully open as well as allow it to rest fully closed. If the canopy is left open for an extended period of time some creep down may occur. This is considered normal. Springs are not designed to hold the canopy in a half-open position.