

## 8HTM2000 Disc Brake/Axle Retrofit Kit to Replace Drum Brakes

### Removing the Drum Brake Axle

1. Jack lighting tower up using hydraulic leg cylinders until wheels are off the ground.
2. Isolate tower and check for dead.
3. Remove all hand brake components and disregard. This includes the hand brake plate under pintle ring assembly.
4. Refit pintle ring assembly.
5. Remove wheel nut indicators from both sides.
6. Remove wheels from axle on both sides.
7. Undo and remove all shackle U-bolts on both sides.
8. Using a floor jack, place jack under the center of the axle and jack up to just take weight of the axle.
9. Remove the front spring hanger bolts on both sides and lower springs down which will lower away from the axle.
10. Remove axle from underneath tower.

Description	Part Number
8HTM2000 Axle & Disc Brake Retrofit Kit	SX86-1952

### Installation of the Disc Brake Axle

1. Place new disc brake axle assembly on floor jack.
2. Locate new axle assembly under tower ensuring the brake calipers are forward facing.
3. Jack axle up into position.
4. Raise spring packs back into position and fit spring hanger bolts on both sides.
5. Lower axle and locate spring center bolt into spring center bolt locator on axle.
6. Refit shackle U-bolts to axle assembly and tighten.
7. Remove floor jack from under tower.
8. Refit wheels to axle on both sides.
9. Torque wheel nuts to 110 nm.
10. Refit wheel nut indicators on both sides.
11. Drill 2 x 13mm diameter holes for hand brake lever from measurements supplied on either side of draw bar.
12. Fit new hand brake handle supplied in kit. See photos for correct placement.
13. Fit brake caliper adjuster to hand brake handle lever.
14. Weld 8mm eye bolts to the rear of draw bar plate as per photo supplied.
15. Fit one end of hand brake cable to one side brake caliper and secure cable using brake cable clamp.
16. Run hand brake cable through eye bolt on the same side, up to the brake caliper adjuster and then back through to the other eye bolt and secure cable with brake cable clamp to the other side caliper.
17. Turn isolators back on.
18. Lower tower to the ground and raise cylinder legs completely.
19. Using brake caliper adjuster, adjust brake cable till the cable is firm and lock off adjuster.

