

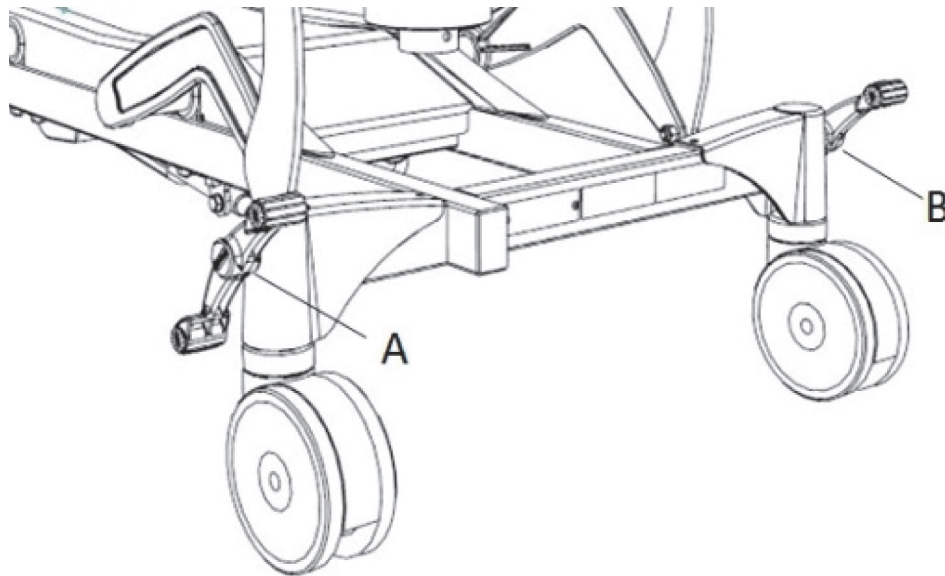
Hill-Rom® MC700 General Ward Bed— Central Brake System Replacement Instructions

Tools required:	Hex wrench, 3mm		Hex wrench, 4mm
	Flat head screwdriver		Needle nose pliers
	Rubber mallet		Torque wrench
Parts required:	(1)	713528	Hex bar foot end
	(1)	713529	Hex bar head end
	(1)	710526	Central rod link weldment
	(1)	710075	Transmission lever
	(1)	172134	Transmission lever bariatric
	(4)	187063	Bushing
	(2)	711079	Grub screw
	(2)	710066	Helmut cap

Removal

1. Adjust the bed height to access the base frame.
2. Set the brakes to Steer.
3. At the **foot** end, loosen, but do not remove, the grub screws (A, B) from the brake pedals (see figure 1).

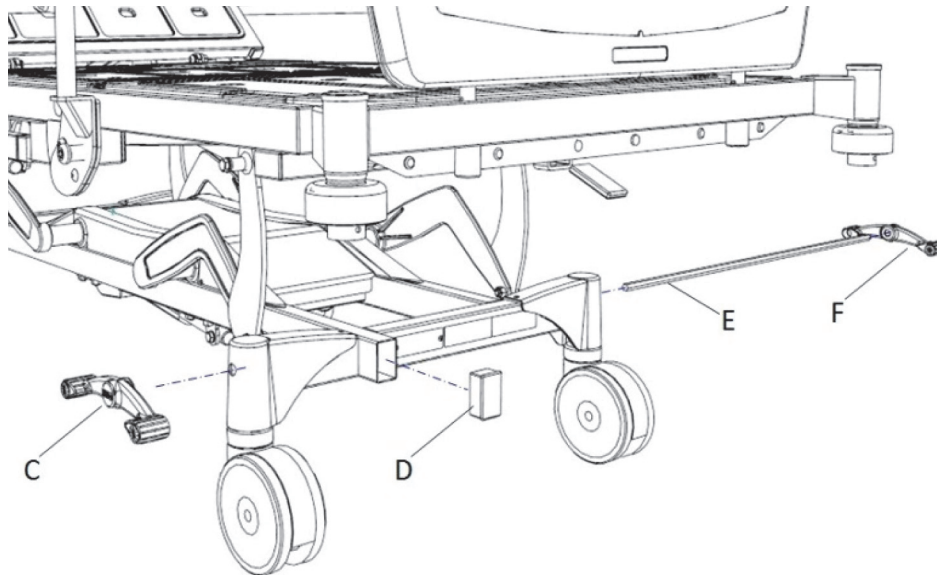
Figure 1. Foot End Brake Pedal Screws



4. Set the brakes to Neutral.

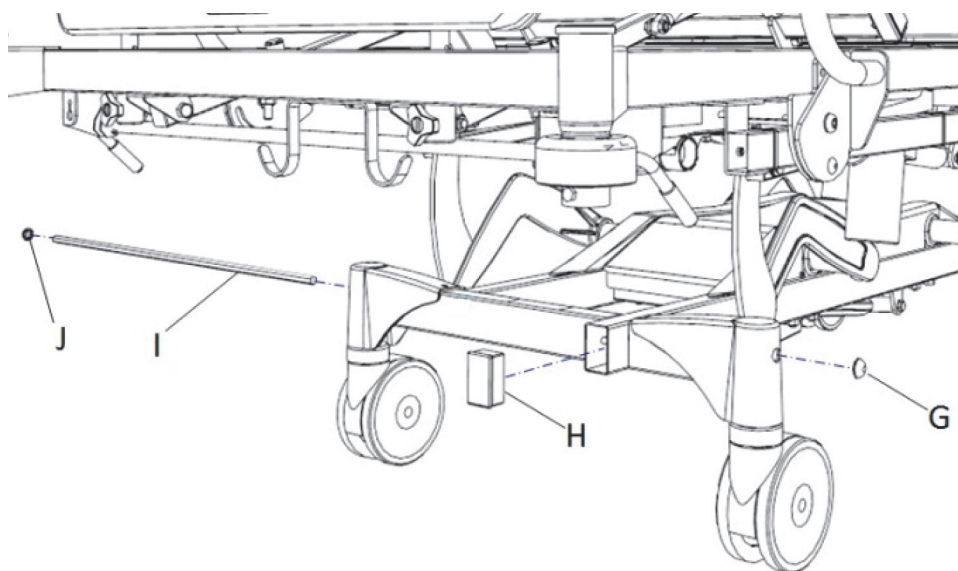
5. Remove the brake pedal (C), plastic cap (D), hex bar foot end (E), and brake pedal (F) (see figure 2).

Figure 2. Foot End Brake Disassembly



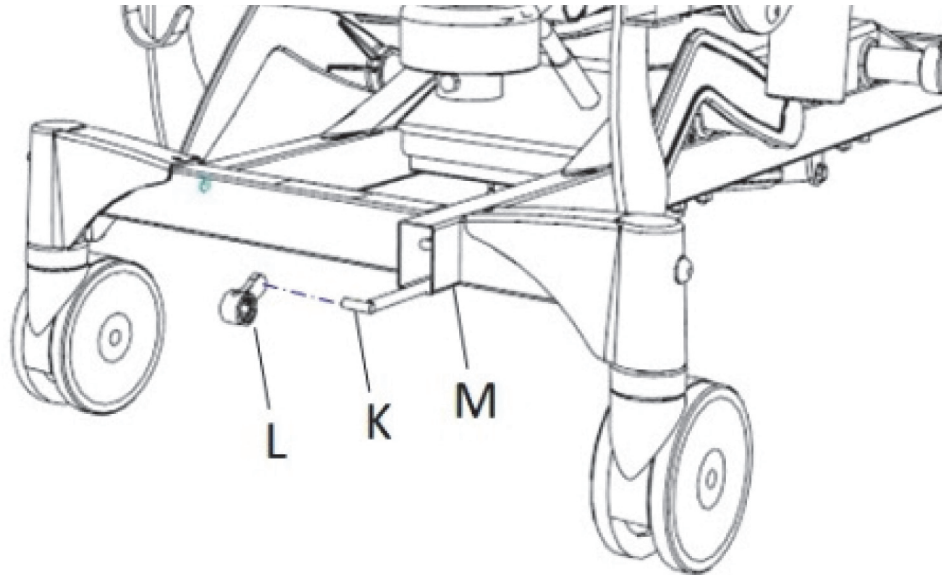
6. From the **head** end of the bed, remove the helmet cap (G), plastic cap (H), hex bar head end (I), and helmet cap (J) (see figure 3).

Figure 3. Head End Brake Disassembly



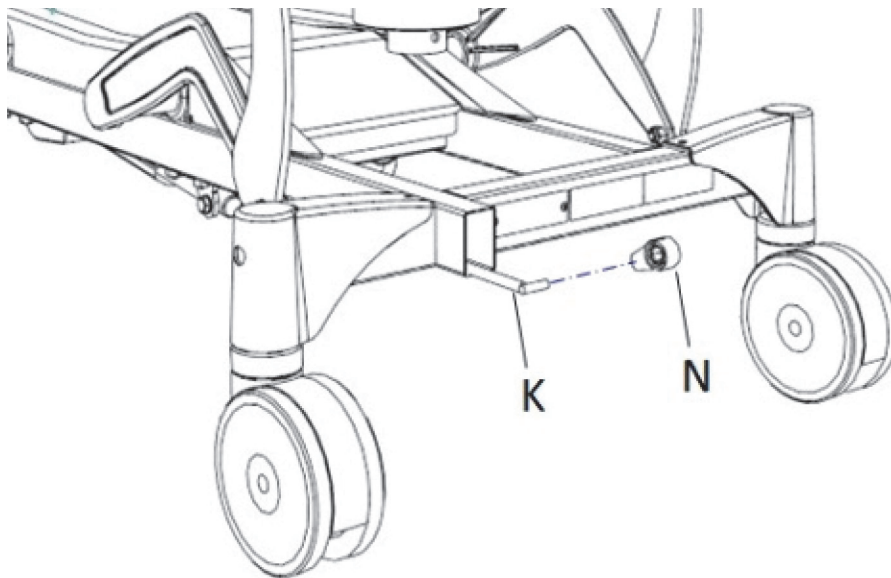
7. Pull the central link rod (K) to access the transmission lever (L) (see figure 4).
8. Remove the transmission lever (L), and push the back central link rod (K) inside the base frame tube (M).

Figure 4. Head End Transmission Lever



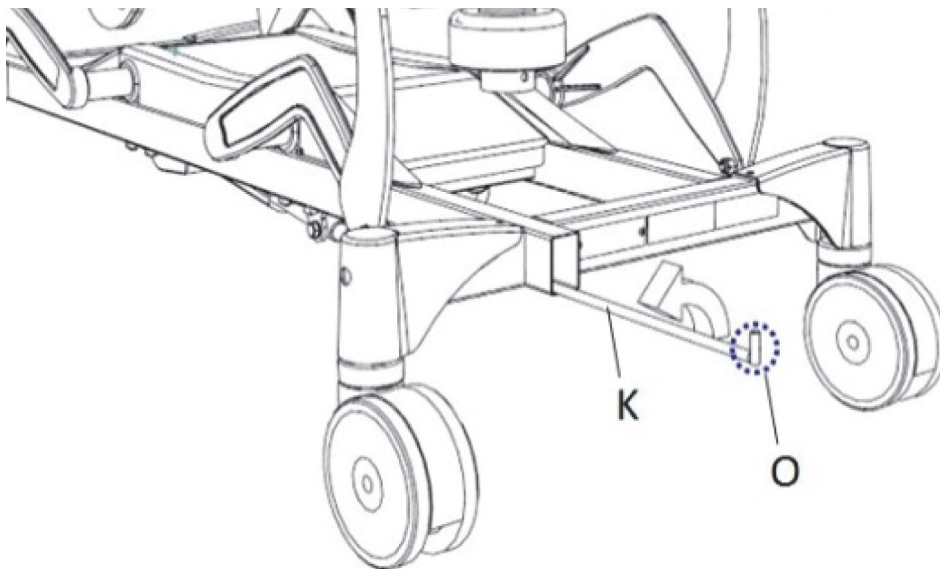
9. From the **foot** end of the bed, pull the central link rod (K) and remove the transmission lever bariatric (N) (see figure 5).

Figure 5. Foot End Transmission Lever



10. Rotate the central link rod (K) until the short pin (O) is pointed upwards (see figure 6).
11. Pull the central link rod (K) out of the base frame tube.

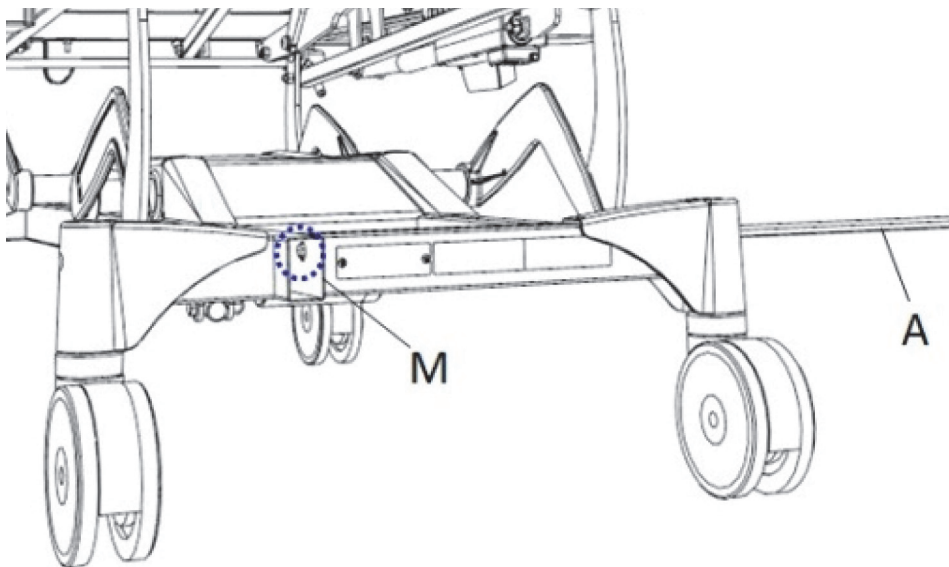
Figure 6. Foot End Central Link Rod Removal



Replacement

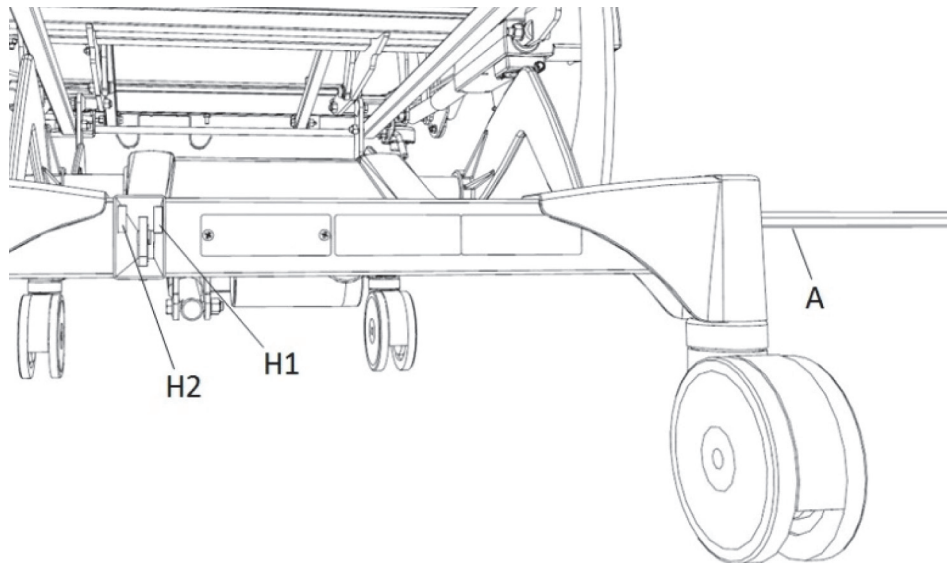
1. Insert the new hex bar **foot end** (A) until it goes through the first hole of the base frame tube (M) (see figure 7).

Figure 7. Foot End Hex Rod Assembly



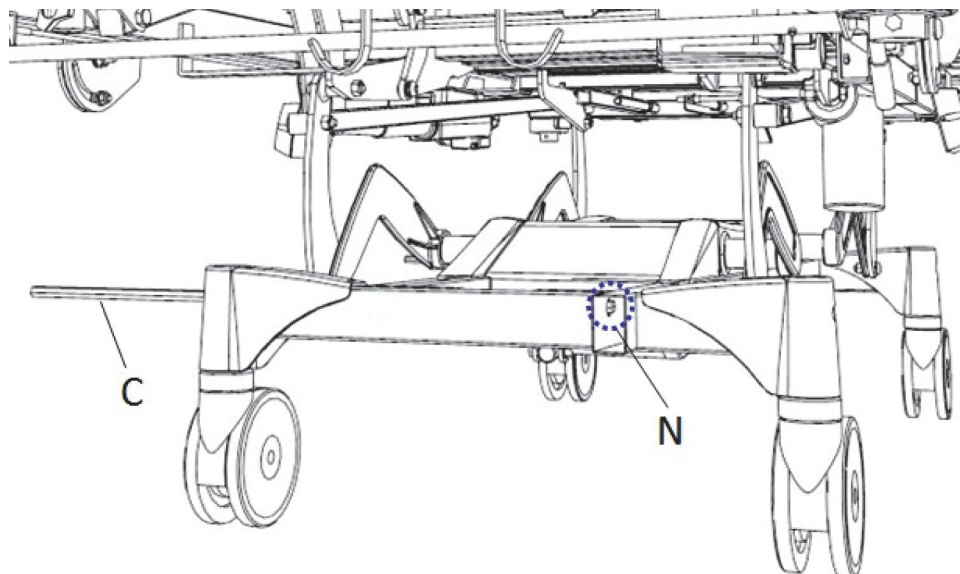
2. Install a bushing on hole (H1) using the protruding end of the hex bar foot end (A) as the guide.
3. Install a bushing on hole (H2) (see figure 8).

Figure 8. Foot End Bushing Assembly



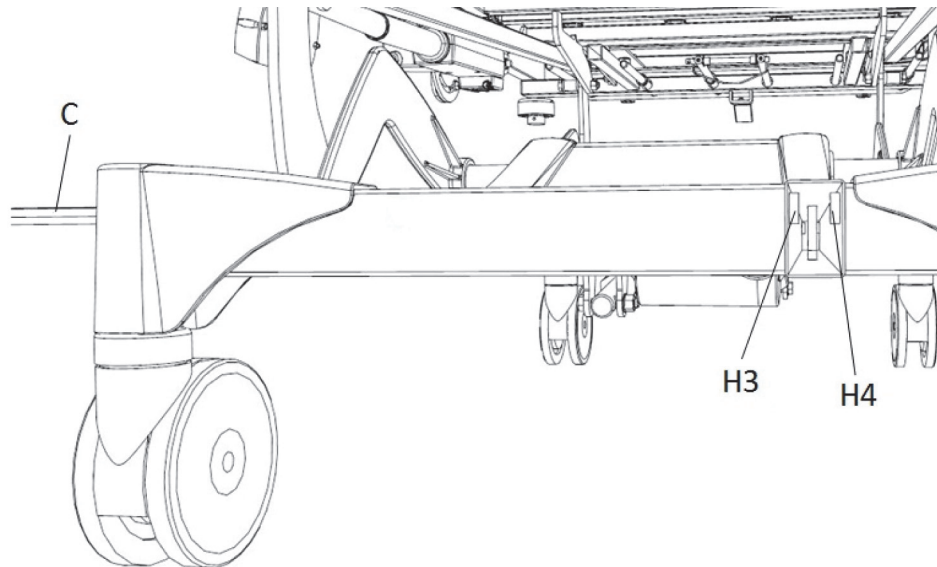
4. At the **head** end of the bed, insert new hex bar head end (C) until it goes through the first hole of the base frame tube (N) (see figure 9).

Figure 9. Head End Hex Rod Assembly



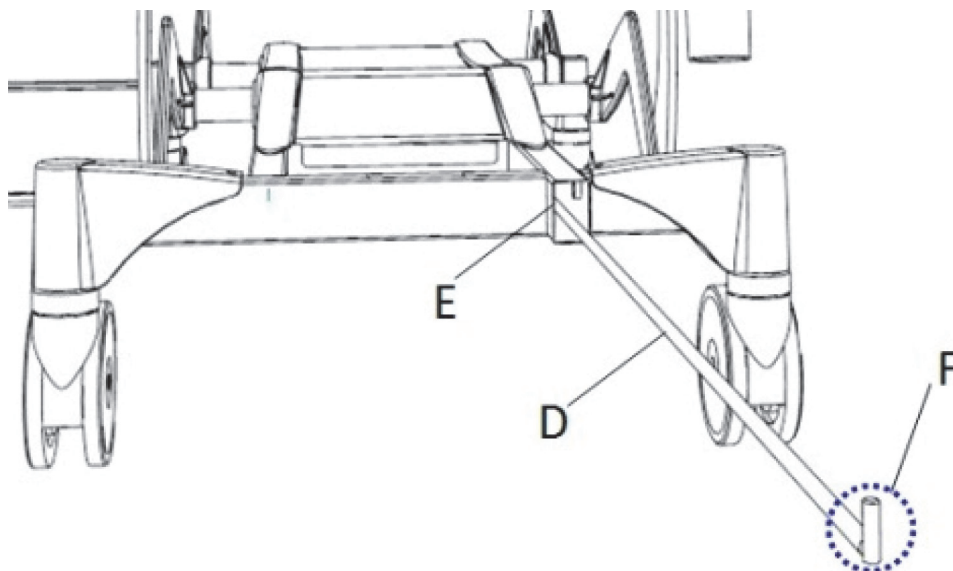
5. Install a bushing on hole (H3) using the protruding end of the hex bar head end (C) as the guide (see figure 10).
6. Install a bushing on hole (H4).

Figure 10. Head End Bushing Assembly



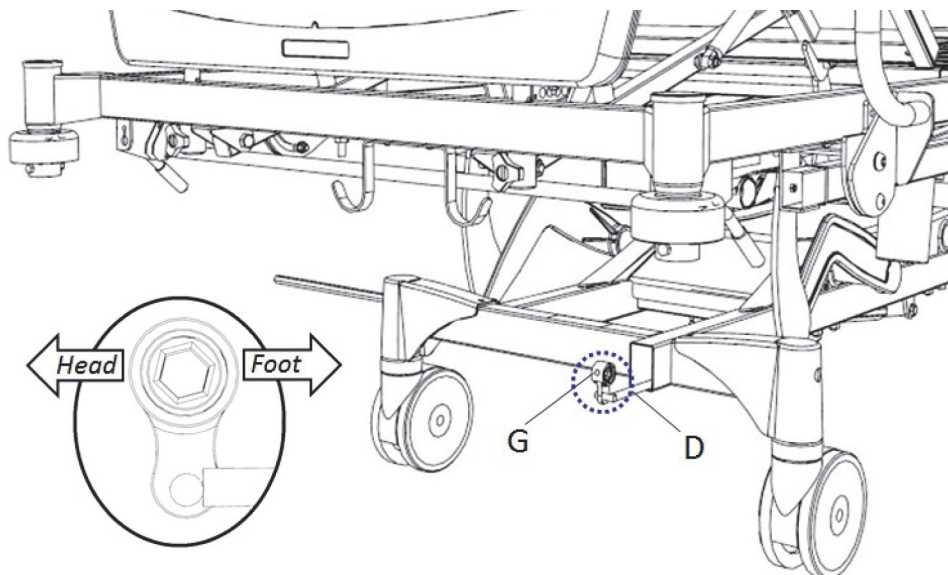
7. Install the new central link rod (D) into the base frame tube (E) with the short pin (F) pointed upwards (see figure 11).

Figure 11. Head End Central Link Rod Installation



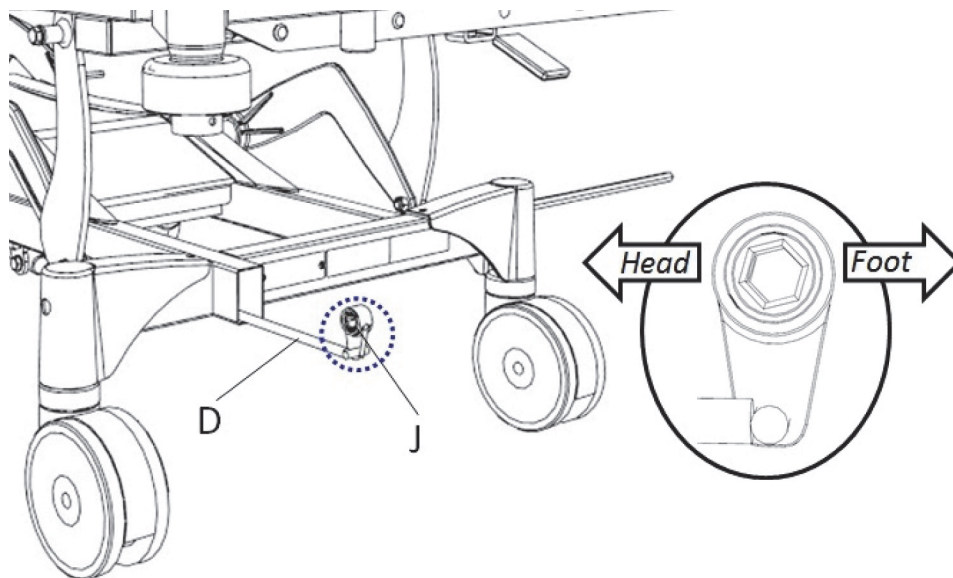
8. Install the new transmission lever (G) (see figure 12).
9. Push the transmission lever (G) and central link rod (D) inside the base frame tube to expose the opposite end of the central link rod at the foot end of the base frame tube.

Figure 12. Head End Transmission Lever Installation



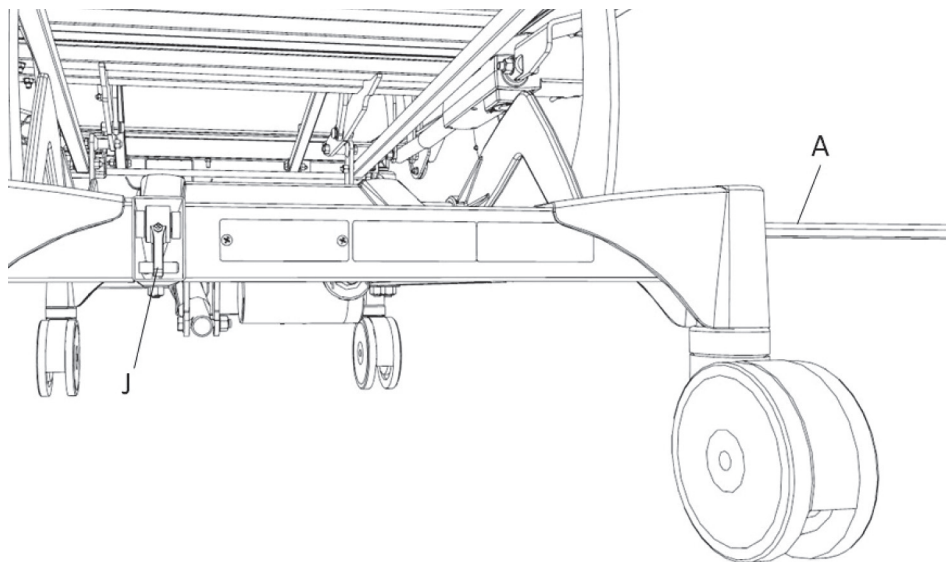
10. At the **foot** end of the bed, install the new transmission lever bariatric (J) (see figure 13).

Figure 13. Foot End Transmission Lever Installation



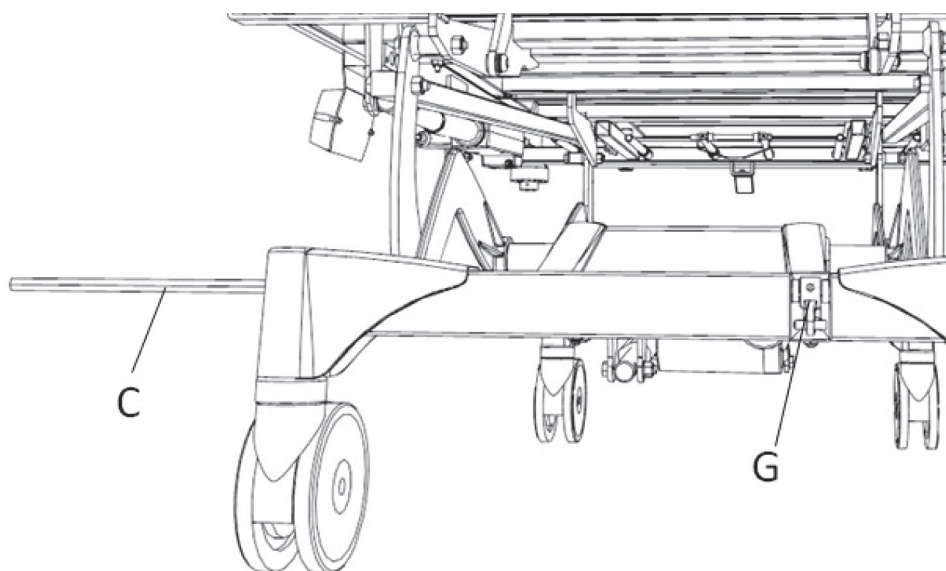
11. Position the transmission lever bariatric (J) between the bushings (see figure 14).
12. While keeping the transmission lever bariatric (J) in the upright position, push in the hex bar foot end (A) until the leading end goes through the other caster.

Figure 14. Foot End Hex Bar Installation



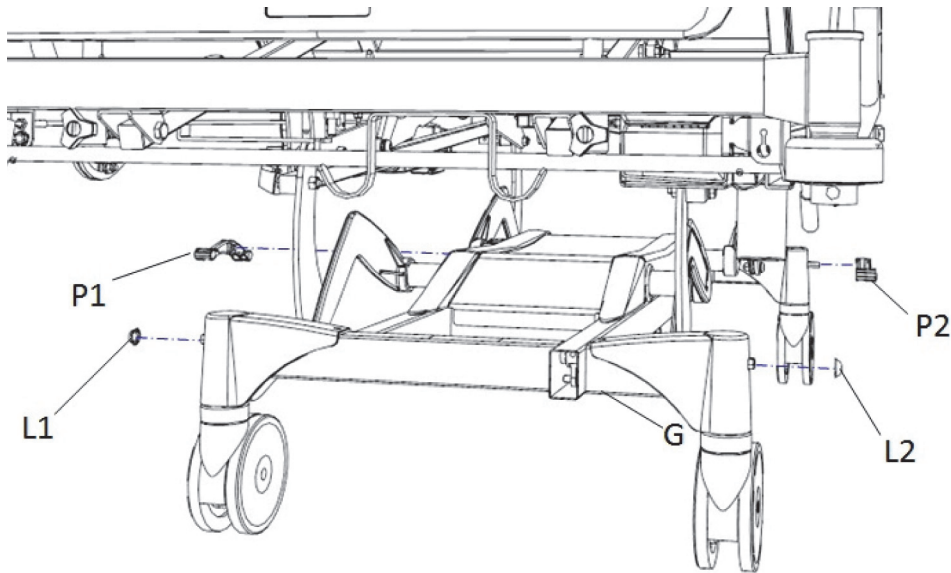
13. Position the head end transmission lever (G) between the bushings (see figure 15).
14. While keeping the transmission lever (G) in the upright position, push the hex bar head end (C) until the leading end goes through the other caster.

Figure 15. Head End Hex Bar Installation



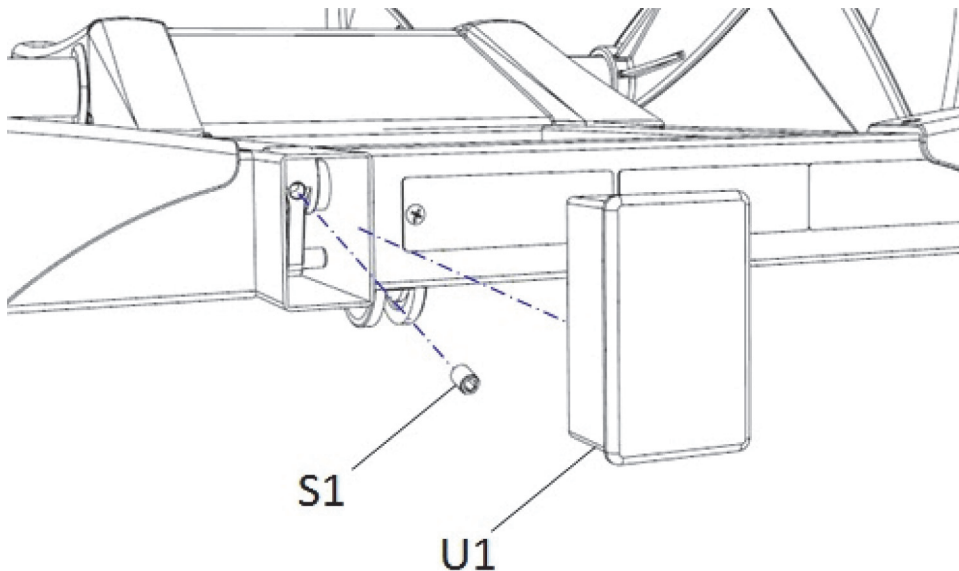
15. Install helmet caps (retainers) (L1, L2) on the hex rod head end (see figure 16).
16. Install the brake pedals (P1, P2) (torque setting at 15 ± 0.5 N-m).

Figure 16. Retainers and Pedal Assembly Installation



17. Test the brakes (brake -neutral - steer).
18. Set the brakes to Neutral.
19. Install a grub screw (S1) (torque setting at 6.5 ± 0.5 N-m) on the foot end transmission lever, and install the cover (U1) (see figure 17).

Figure 17. Foot End Grub Screw and Cover Installation



20. Set the brakes to Steer.
21. Install a grub screw (S2) (torque setting at 6.5 ± 0.5 N-m) on the head end transmission lever (see figure 18).
22. Install the cover (U2).

Figure 18. Head End Grub Screw and Cover Installation

