

DAILY MAINTENANCE

1. Inspect its power cord for cuts, breaks and abrasions. Repair or replace as needed.
2. Inspect the vacuum hoses for breaks or tears. Repair or replace as necessary.
3. Visually inspect your RX20 for water leaks, wear damage to the cleaning heads, and so forth. Repair or replace as necessary.
4. Rinse it under water to remove debris. If necessary, use a toothbrush to remove stubborn particles.
5. Before re-inserting the inline filter, check the sealing surfaces on the inside of the nut and filter body to ensure they are clean of all debris, foreign material, and burrs. Clean or replace them as needed.
6. Check the spray pattern of each jet for uniform flow. An uneven spray will cause improper flow of the cleaning solution (see Figure 6-1).

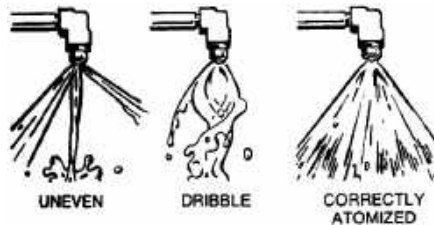


Figure 6-1. Check Jet Spray for Even Flow



Figure 6-2. Loosen Cleaning Head Assembly

⚠ WARNING

Do NOT spray the high pressure solution in your face or eyes. Bodily injury can result.

⚠ AVERTISSEMENT

Ne PAS vaporiser la solution pressurisée dans les yeux et le visage. Risque de blessures.

7. Loosen the cleaning head (star assembly). It unscrews in the same direction it turns during operation (or clockwise when looking at it from the underside) - see Figure 6-2.

8. After you have loosened the head assembly, spin it off with your hands. If the cleaning head is difficult to remove, you may use a 3/4" socket wrench on the exposed center nut. To prevent the gear box from turning, insert a 5/8" wrench just below the rotary union (see Figure 6-3).
9. Wash the cleaning heads and shroud assembly with a garden hose, being careful not to wet the electric motor assembly.
10. Clean any lint built up on the cleaning heads and vacuum hoses (lint buildup will restrict proper airflow and prolong drying time).
11. Clean off any debris that may have accumulated on the gear box shaft or the inside threaded bore of the hub (see Figure 6-4).
12. Lubricate the felt vacuum seal on top of the hub with a quality, 30 weight SAE motor oil. Also, put a few drops into the hub threads (see Figure 6-5).
13. Coat the shaft with TKX® All-Purpose Lube (HydraMaster P/N 000-087-006) or a similar lubricant. Re-install the vacuum head assembly onto the shaft by rotating it counter-clockwise (Figure 6-6).

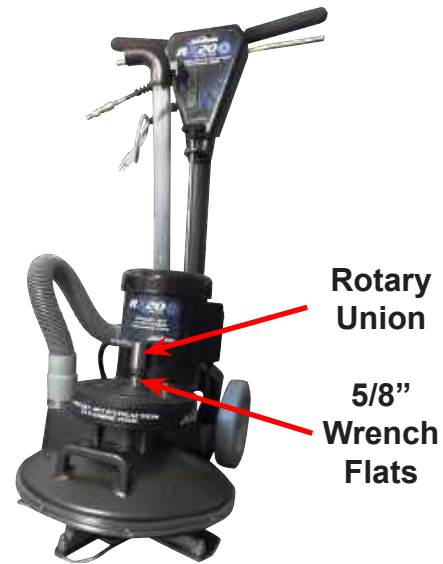


Figure 6-3. Location of Rotary Union

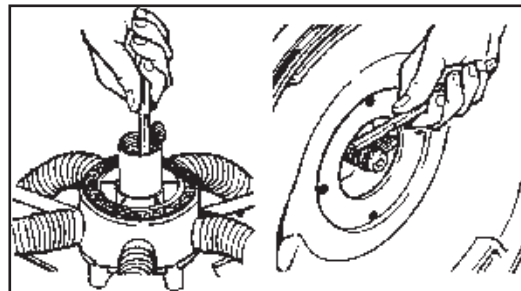


Figure 6-4. Clean Off Debris from Gear Box Shaft

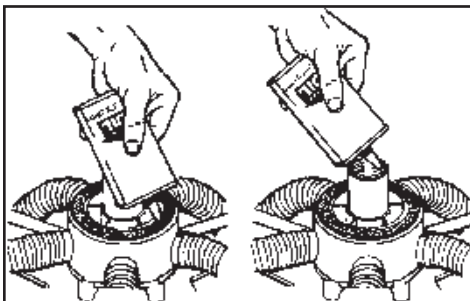


Figure 6-5. Lubricate Vacuum Seal on Top of Hub

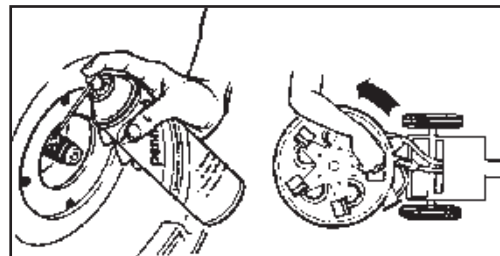


Figure 6-6. Lubricate Shaft and Re-install Head Assembly



CAUTION

An accumulation of debris in the gear box, if not removed, may damage the gear box oil seal. This will result in loss of oil in the gear box. If the gear box is operated without oil, severe damage may occur.

ATTENTION

L'accumulation de débris dans la boîte de vitesse, s'ils ne sont pas retirés, peut endommager la boîte de vitesses. Si la boîte de vitesse est utilisée en l'absence d'huile, elle peut être sévèrement endommagée.

CAUTION

While rotating the vacuum head assembly in the counter-clockwise position, make sure that it spins freely all the way down. If it begins to require the slightest fingertip pressure, unscrew it and brush off the threads.

The smallest grain of dirt or sand will obstruct the threads. If you turn too far onto a grain of dirt, the hub may become locked onto the shaft of the gear box.

ATTENTION

En tournant le bloc de la tête d'aspiration dans le sens contraires des aiguilles d'une montre, assurez-vous qu'il tourne sans accrocher durant toute la manœuvre. S'il commence à nécessiter une pression, même légère, du bout des doigts, dévissez-le et nettoyez le filetage.

Le plus petit grain de sable ou de poussière peut obstruer le filetage. Si vous tournez trop fort sur un grain de poussière, le moyeu peut se bloquer sur l'arbre de la boîte de vitesse.



PERIODIC MAINTENANCE

Check the oil level in the gear box on a monthly basis. This is a permanently lubricated gear box. You do not need to change the oil. However, maintaining the proper oil level is important.

To check the oil level, remove the vent plug and look into the gear box. Turn the star until you can see the inspection hole in the gear. When the RX20 is sitting flat on a table or the floor, the oil level should be up to, but not above, the middle of the gear. If oil needs to be added, use a quality 80-90 weight gear oil.

NOTICE

When checking the oil level in the gear box, you can use a toothpick as a dip stick. The oil level should read 3/8" deep.

NOTE

Pour vérifier le niveau d'huile de la boîte de vitesse, vous pouvez utiliser un cure-dent comme jauge de niveau. Le niveau d'huile doit afficher une profondeur de 3/8" (9.5mm).