PARTNER PORTABLE POWER SAW

PREAMBLE. Before starting a saw for its daily maintenance, the saw shall be moved to a remote location of the apparatus floor or, if possible, to a rear yard. When possible, follow the guidelines of SOP CIRCLE OF DANGER.

DAILY MAINTENANCE

1. After loosening both the bolt and knob, retighten them to their original torque.
   - The order in which the bolt and the knob are loosened and retightened is not important.
   - However, both the bolt and knob must be released before either one is retorqued.
2. By releasing and retightening the bolt and knob, proper spring tension and belt adjustment be provided.
3. Proper belt adjustment performed daily will prevent blade from turning when engine idles. Damage to clutch bearing and premature breakage of belts can be avoided by proper adjustment.
4. If the belt tension is proper, the blade rotation will slow down and stop completely after operator releases pressure on the trigger.
5. If the blade continues to rotate on its own after the adjustment is made, or rotation resumes after blade had been placed onto the floor or roofing to stop it, proper adjustment has not been made. If rotation continues after adjustment, unit shall notify Repairs and Transportation for further instructions. This could indicate a clutch problem.
6. Unit installing a new belt must note the size of the bolt holding the belt pulley in place.
   - If the head of the bolt is 3¼" the saw requires a thin, smooth V-shaped belt.
   - If the head of the bolt is 1½" the saw requires a wide belt which has teeth.
   - The pulley belts are NOT interchangeable.
   - After a new bell is installed, adjustments shall be made as above. The saw shall then be run for a short time after which adjustment is to be made again.

PORTABLE POWER SAW
COMBINATION CARRYING SLING SAFETY HARNESS

CARRYING SLINGS

1. Each portable saw is equipped with a carrying sling. The sling comes in two lengths:
   - 50 inch (For the Partner Saw and Homelite saw)
2. When the saw is stored on apparatus, attach so that it is ready to be carried.. This will permit both hands to be free.
3. Inspection of the sling for serviceability must be a normal part of saw maintenance. Replacements may be obtained from the Repairs and Transportation Unit.

- ***THE SLING MUST BE REMOVED FROM THE SAW BEFORE STARTING THE SAW.***

SAFETY HARNESS

1. The carrying sling may also be adapted as a safety harness worn by the operator and used by the guide man to guide assist the operator during cutting operations. The sling is always with the saw. No extra equipment need be carried. The sling is strong enough to support the operator if he stumbles or falls.
2. Put the loop of the sling over the operator's shoulder, back of the neck and under the armpits (as in donning a coat), and tie a single knot in the sling at the operator's back, creating a harness. This offers freedom of operation and movement for the operator and allows protection from falling in holes, because under normal conditions the operator is not likely to slip out of the harness.

COLOR CODE FOR SAW BLADE PORTABLE POWER SAW TOOLS

Power saw of the Partner saw variety:

- Silicone Carbide Blade .....Yellow
- Aluminum Oxide Blade .....Unpainted

COLOR CODING OF SAW BLADES

1. There is very little visual or physical difference between some power saw cutting blades. For example aluminum oxide and silicone carbide blades, both composition blades, are very similar in appearance.
2. Each blade will operate at maximum efficiency when used to cut its designated material. Therefore, to ensure correct blade usage, maximum efficiency and optimal safety at all power saw operations, silicone carbide blades are to be color coded in the following manner.
3. Silicone Carbide Blade (concrete cutting) shall be painted ***yellow***.

- Both sides of the blade should be painted to facilitate choice of proper blade.
- Company Commander shall be responsible for proper color coding of blades. Use of yellow paint issued for safety markings is permissible

4. Aluminum oxide blades (metal cutting) shall remain ***unpainted***.