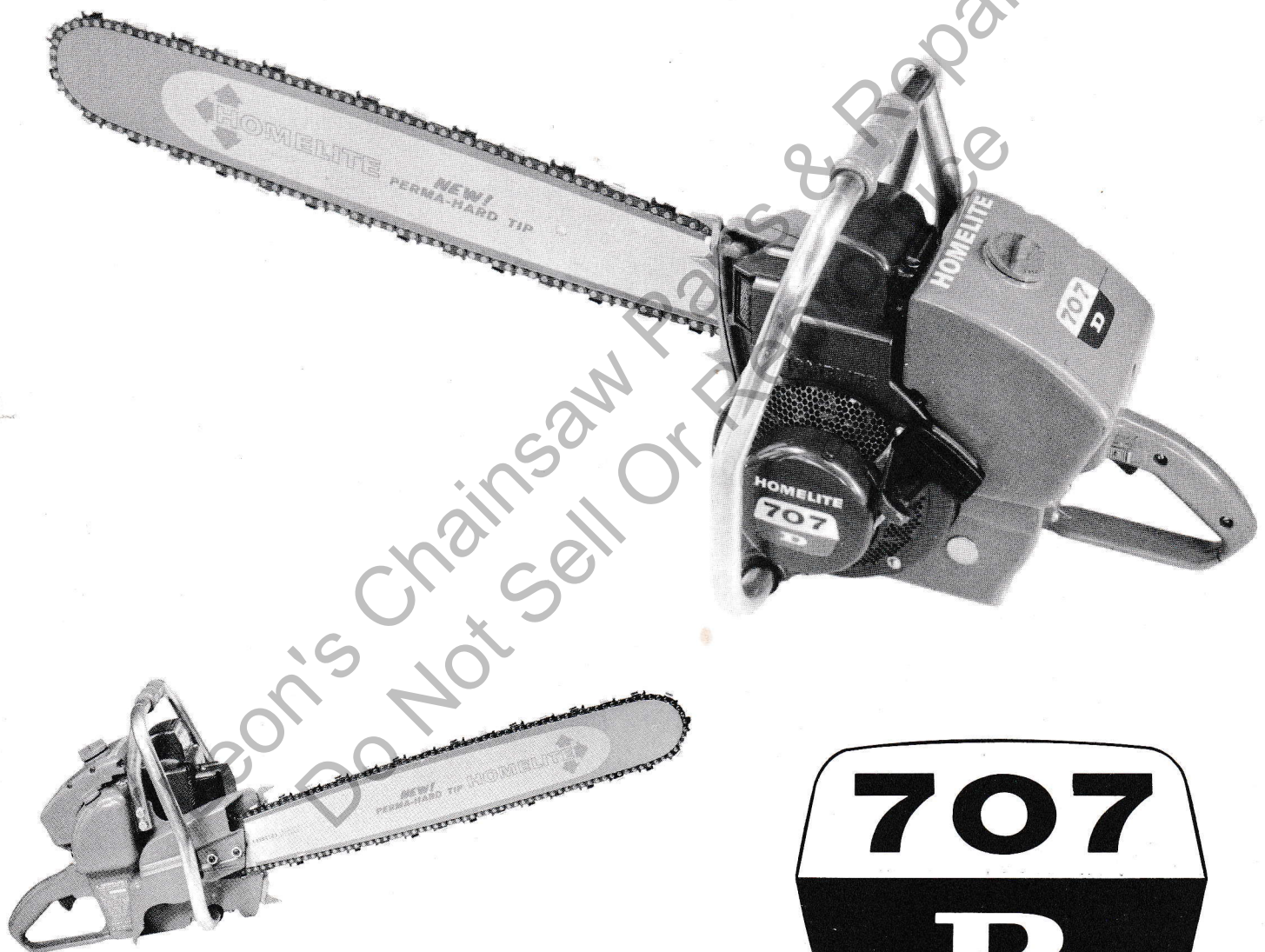


# HOMELITE

**DIRECT DRIVE CHAIN SAW**



## HOMELITE

A DIVISION OF TEXTRON INC.  
PORT CHESTER, NEW YORK, U. S. A.



## MECHANICAL FEATURES OF THE NEW 707D CHAIN SAW

1. New, heavier, counterbalanced crankshaft has been increased in diameter  $\frac{1}{16}$ " on magneto end,  $\frac{3}{32}$ " on the crankpin and  $\frac{1}{8}$ " on reinforcing boss on magneto side.
2. New longer stroke increases displacement to 5.8 cu. in. adding about 6% more power.
3. New, flat, pleated, strong, paper air filter with 70 square inches of filtering area.
4. The new filter, recessed in rear of tank, scoops air in from back of saw — Easily removed for quick cleaning. Stays cleaner longer.
5. New switch located close to throttle for easier control of unit.
6. New fitted bolts in drive case provide more rugged mounting for guide bars regardless of length.
7. New third point mounting for handle bar, in bottom recess of air shroud, gives solid support for heavy duty production cutting.
8. 6" diameter magneto rotor provides extra cooling for more powerful engine.
9. New connecting rod with bigger needle bearing for greater load carrying capacity.
10. Automatic governor keeps engine at proper speed range and avoids overheating of engine.
11. New, improved magneto with attached breakerarm pivot post for easy assembly and disassembly.

## GENERAL SPECIFICATIONS ON THE 707D CHAIN SAW

|                              |                                     |
|------------------------------|-------------------------------------|
| Bore . . . . .               | $2\frac{3}{16}$ "                   |
| Stroke . . . . .             | $1\frac{35}{64}$ "                  |
| Displacement . . . . .       | 5.8 Cubic Inches                    |
| Fuel Tank Capacity . . . . . | 45 Ounces                           |
| Oil Tank Capacity . . . . .  | 13 Ounces                           |
| Maximum Engine RPM . . . . . | No Load 7000, Load 6000             |
| Type Sprocket . . . . .      | $\frac{7}{16}$ " Pitch, 7 Tooth     |
| Chain Speed f.p.m. . . . .   | No Load 3573, Load 3062             |
| Weight . . . . .             | Dry-less bar, chain, 19 lbs., 3 oz. |

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