

Manual abstract:

... 66.7 cm³ Bore

.

50 mm Stroke

. 34 mm Ignition advance

25° before t.d.c. at 8500 rpm Sparking Plug Champion CJ 7Y, PAL P8Y Electrode gap

. 0.5 mm Carburettor

. . . Diaphragm type Tillotson HS 163 A Fuel tank capacity

. .0.75 l Oil tank capacity 0.45 l Sawing chain.

. 3/8" pitch Guide Bar

.

. 15" Weight empty, incl. 15" guide bar, chain

. . 7.0 kg (SE) and chain brake 7.4 kg (SG) Operator's manual 101 84 00-26 B What is what on the chain saw? r l E Tension the chain while holding up the bar tip.

Do not tension the chain stronger than it can be pulled around by hand. Tighten the guide bar nuts. 1. Starter handle 2. Oil filler cap 3. Starter 4. Adjusting screws, carburetor 5. Fuel filler cap 6. Ignition switch 7. 8. 9.

10. 11. 12. 13. Throttle trigger Front hand guard Chain brake activator Cylinder cover Choke Throttle latch Throttle trigger lockout NOTE! Do not forget to "run in" the chain and guide bar.

Please see the chain manufacturer's recommendation. CHECK THE CHAIN TENSION FREQUENTLY PERFORMANCE AND DURABIITY. FOR OPTIMAL 1 Fuel and oil The power plant of this chain saw is a twostroke engine, that is run on a petroland oil mixture of certain proportions ace. to the table. Do not use but a twostroke oil of high quality, e.

g. Husqvarna Twostroke Oil, that is specially developed for chain saws. NOTE! No extra oil is needed in the petro/ during the running-in period of the chain saw. For lubricating the chain and guide bar we recommend a chain lubricating oil with good adhesive properties. During the wintertime at air temperatures below 0°C (32°F) some types pf chain lubricating oils are viscous. This can cause overloading of the oil pump, which can result in damage of the pump drive and DumD Darts. Under cold weather conditions it is therefore necessary to use a "wintergrade" oil which stays fluent even when cold. Concerning the choice of oil and its suitability at different air temperatures, please refer to your Husqvarna dealer. Always EP 90. use quality chain oil.

@@Undo the guide bar nuts and remove transport packing piece, B. @@@@Also check that the drive links go down properly into the drive sprocket. D Tension the chain so it does not sag along the bottom of the guide bar. Check that the chain and guid; bar fit properly. Fit the clutch cover and tighten the nut fingertight only. Pull the chain a few turns around can move freely. by hand and check that it NOTE! On no account oi/ pump. waste oil should be used as this can damage the Oil mixture: Husqvarna Twostroke Ordinary twostroke Oil 1:50 (270). oil 1:25 (4%) I Mixing table Litres of oil 0.2 0.

4 1,0 Points of oil 0.35 0.40 1,76 l Litres of petrol 10 20 50 2'0 Petrol in Imp. gallon 2.2 4,4 11.

0 Petrol in US gallon 2.6 5.2 13.2 Litres of petrol 5 10 25 Petrol in Imp. gallon 1.

1 2.2 5.5 Petrol in US gallon 1.3 2.6 6.6 Chain brake activator "Swed-o-Matic" The Swed-o-Matic should on the guide bar tip. release the chain brake at a certain load Maintenance of the chain brake Clean the brake band and the mechanism. Check that the band has at least 0.75 mm thickness on the most worn part. Lubricate the links and supports of the brake mechanism with twostroke oil.

Release and lock the brake repeatedly to check that the mechanism works smoothly. Check the chain brake function regularly. Start the saw on clear ground making sure that the chain runs freely, Apply full throttle and release the chain brake. The chain should immediately stop rotating. If not, contact your service workshop. Adjusting the release power The distance between the Swed-o-Matic front handle (B) determines the release gap means reduced release power. release screw and the power. A smaller The release power can be checked as follows: Push the guide bar tip against a spring balance, With a 15" guide bar the chain brake should be released at a load of 10-15 kp. The forestry worker could make a rough check on the spot as follows: Hold the saw horizontally over a trunk, at a height of abt 35 cm. @@Note that during this check the engine must not be running.

brake is not released, contact your service workshop. Nut M should be tightened completely. If the Starting the chain saw A. Cold engine . CAUTION! @@T Adjusting the carburetor 1.

Switch on the ignition is visible). 2. Pull out the choke 4. Open the throttle 5. Push the throttle Now all the controls ready to be started.

3. @@trigger lockout (C). and the chain saw is the rear handle (A), fully (B). @@Basic setting Clean the air filter. Check the spark plug and its electrodes. Check that the fuel filter is not clogged. Screw the needles H and L carefully right in. @@@@8. @@9.

Give the starting cord a short sharp tug. NOTE! @@10. @@@@Adjustment of L-needle 1. Screw In the L-needle slowly and the speed will increase.

@@Notice the position of the needle at the highest speed. 2. @@position. Note B. @@Adjust the L-needle to the highest speed position. @@4.

@@@If not, open the L-needle by abt 3 min. Check again. 4, ! # ~, I%*LZ(Iw,; NOTE! @@Open the choke flap fully. @@@@attempt with C.

@@Screw in the H-needle slowly until there is no more fourstroking.

Then screw the needle out equivalent to 10 min on a clockface. Check by means of a revolution does not exceed 11.500 r/rein. @@for optimal carburetor function and Changing starter cord and return spring In order to get at the air filter, remove the cylinder cover by undoing the retaining screws and lifting the cover off upwards-backwards. Remove the heaviest dirt from the air filter.

Undo the screw and lift the filter off carefully to prevent dirt from falling down into the carburetor. Loosen the four screws that retain the starter. Remove the starter. Pull out the cord approx. periphery of the pulley. 30 cm and lift it up into the notch in the letting the pulley rotate the pulley Zero-set the return spring by carefully backwards. Undo the screw in the centre of the pulley and remove Separate the two filter halves by means of a screwdriver in warm soapy water. air them in chain saw petrol. or a knife Clean the filter halves carefully Avoid cleaning Reassemble carburetor. Dry the filter with compressed the filter and make sure that it lies close to the Use two air filters alternately.

Clean the filter each day! In case you change the return spring as well, undo the screws that retain the plastic cassette, which then can be removed. Change

the spring and lubricate it with engine oil. Winter use Assemble the remaining parts in reverse order Lift up the starter cord into the notch on the pulley. Tension the return spring by turning the pulley clockwise about two turns. -- NOTE! Make sure that it is possible to turn the pulley at least 1/4 of a turn further when the cord is fully pulled out. The cylinder cover is prepared for extreme cold working conditions. In the partition wall of the cover there is a hole, that is covered by a cap (A) when operating at normal temperatures. In case of extreme cold, this cap shall be removed so that heated air from the cylinder can flow into the carburetor space and prevent the air filter from being iced up.



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NOTE! Under normal temperature conditions mounted, Otherwise there is a certain chain saw. the cap has to be risk of overheating the Adjusting the oil pump capacity The oil pump is adjustable for four different capacities.

@@The index on the screw should face the capacity wanted. Figure shows the position for capacity 2. Recommended positions: Bar 15": Pos. 2. Bar 18 and more: Pos.

@@between Maintenance of the chain saw Daily maintenance 1. Clean the saw body from the outside. 2. Clean the air filter. Change 3. Turn around groove. if necessary. the guide bar, lower edge up. Clean the bar in the starter cover. cover. Weekly maintenance its cord and return spring. 10. Check the starter, 11. @@12. File off burrs if any on the sides of the guide bar.

13. Lubricate the bearings of the clutch drum. 4. Clean the fan and air intakes 5. Clean the cooling 7. Sharpen fins on the cylinder. 6. Clean the space under the clutch 8. @@for the chain and the guide bar. 14.

Wash out the fuel tank with petrol 15. Wash out the oil tank with Detrol. 16. Clean the carburetor. 17.

Check the fire-f iahtina screen Clean or chang; if n;cessary inside the silencer 9. Clean the chain brake. Make it a habit to lock the chain brake during pauses and transports. 1 Safety reminders Handling 1. When transporting the saw, fit the chain protection.

2. Do not smoke when filling the fuel tank. 3. Before cutting, fix the barking support properly 4. When using the saw, keep both hands on the handles. 5. Nobody is allowed to be within the swing area of the saw. 6 Always stop the engine before checking and adjusting the chain tension or exchanging the chain.

Procedure 1. When felling, always step aside from the falling tree and watch out for fallng branches.

2. When cutting split wood, look out for ejecting wood pieces. 3. When bucking a felled tree on sloping ground, always stand above the tree. 4. Be calm.



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