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**Figure 1** Pages 13-19 and 681-630-14FENGINES WHICH ARE CERTIFIED TO COMPLY WITH CALIFORNIA/AUSTRALIAN U.S. EPA EMISSION REGULATIONS FOR USE ON GASOLINE engines. are certified to operate on regular unleaded gasoline, including the following emission control system(s): EM, TWC (if so equipped); DO NOT include any adjustable features or components which adjust air/fuel ratio needed to OPERATE ENGINE; YOU WILL NEED THE FOLLOWING: Be sure original container is marked as P.I. service "SF"/"SJ" FOR SUMMER (ABOVE 320°F; 0°C) OR UNLEADED AUTOMOTIVE GASOLINE ONLY. ORDER AS PART NUMBER 7302226.(SAE 10W IS AN ACCEPTABLE SUBSTITUTE).(BELOW 0°F ONLY): SAE OW30 OIL IS AN ACCEPTABLE SUBSTITUTE.DO NOT USE SAE 10W40 OIL OIL SUMP CAPACITY:Models HM70-80-100, HMXL70: 26 ounces(1-5/8 U.S. pints)Model HHM80: 34 ounces(2-1/8 U.S. pints)OR REFORMULATED AUTOMOTIVE GASOLINE ONLY. DO NOT LEADED GASOLINE.NOTE: DO NOT USE GASOLINE CONTAINING METHANOL (WOODALCOHOL). Gasoline containing up to 10% ethanol or grain alcohol ("Gasohol") may be used but requires special care when engine is run extended periods. See "STORAGE" instructions on Page5.NOTICE: Use clean oil and fuel and store in approved, clean, covered containers. Use clean fill funnels.Never use "stale" gasoline left over from last season or stored for longperiods.THESE SYMBOLS MAY APPEAR ON THE ENGINE:California Proposition 65 WARNING:The engine exhaust from this product contains chemicalsTHAT CAN CAUSE CANCER,BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.FUEL FILLCAP Figure 1MUFFLER LEVERS & LINKAGE Page 1  
INSTRUCTIONS IN THIS MANUALAND ANY PROVIDED WITH THE EQUIPMENT ON WHICH THIS ENGINE IS USED BEFORE ATTEMPTING TO OPERATE YOURTECMUMSEH ENGINE.HORIZONTAL CRANKSHAFTAIR COOLED - FOUR-CYCLE ENGINESPARK PLUGWIREFUELL FILLCAPCAUTANKKAIKERBURNERSTARTERHANDLOILEIL DRAINPLUGCARBURETORASSEMBLY,CARBURATORLINKAGE,MUFFLERS&LINKAGELINKAGEPUSHRODSPIGNS&VALVES,IGNITION SWITCH,CLIMATEGUARD AIR CLEANER,MAKE SURE SCOOP IS POSI-OFF, 000F; 000FI your engine is not equipped with a CLIMATE GUARD air cleaner,OF(OONEVER RUN ENGINE INDORS OR IN ENCLOSED, POORLYKEEP HANDS, FEET, HAIR AND LOOSE CLOTHING AWAY FROMOFRUNS smoothly and then to "NO CHOKE POSITION". If engine falters,If engine fails, but does not continue to run , move chokePage 2 181-630-14 Page 3Looking for a manual? Manual.s ensures that you will find the manual you are looking for in no time. Our database contains more than 1 million PDF manuals from more than 10,000 brands. Every day we add the latest manuals so that you will always find the product you are looking for free. © Copyright 2025 Manuals.s All Rights Reserved. Page 4Looking for a manual? Manual.s ensures that you will find the manual you are looking for in no time. Our database contains more than 1 million PDF manuals from more than 10,000 brands. Every day we add the latest manuals so that you will always find the product you are looking for free. © Copyright 2025 Manuals.s All Rights Reserved. Page 6Page 6181-630-14For the time period shown below from the date of purchase, Tecumseh Products Company will, at its option as the exclusive remedy, either repair or replace forthel original purchaser, free of charge, any part any new Tecumseh engine which is found, upon examination by any Tecumseh Authorized Service Outlet,or by Tecumseh's factory in Grafton, Wisconsin, to be DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP. THESE SYMBOLS MAY APPEAR ON THE ENGINE:I. mOFF BUFB FASTSLW STOPCHOCKE / : ""===== L.: The engine exhaust from this product contains chemicals ..... known to the State of California to cause cancer, birth defects or other reproductive harm..... --3-19-98nd 181-"14"-FUEL TANK 181-630-14-- FUEL FILLCAP Figure 1MUFFLER LEVRS & LINKAGE Page 1  
**COVER** (if any Tecumseh engine or part(s) thereof used to provide any vehicle in competitive racing and/or used on any commercial or rental track, or (ii) defector damage caused by alterations or modifications of new Tecumseh engines or parts or by normal wear, accidents, improper maintenance, improper use or abuseof the product, or failure to follow the instructions contained in an Instruction Manual for the operation of the new Tecumseh engine or part. The cost of normalmaintenance or replacement of service items which are not defective shall be paid for by the original purchaser. At the time warranty service is requested, evidence must be presented of the date of purchase by the original purchaser. Any charge for making service calls and/or for transporting any engine or part(s) thereof to andfrom the place where the inspection and/or warranty work is performed is payable solely by the purchaser. The purchaser is responsible for any damage or loss incurredin connection with the transportation of any engine or part(s) thereof submitted for inspection and/or warranty work. WARRANTY SERVICE CAN ONLY BEPERFORMED BY A TECUMSEH AUTHORIZED SERVICE OUTLET OR BY TECUMSEH AT ITS FACTORY IN GRAFTON, WISCONSIN. Warranty service canbe arranged by contacting either a Tecumseh Authorized Service Dealer, Tecumseh Master Service Dealer, TecumsehAuthorized Service Distributor, or Tecumseh Central Warehouse Distributor) or by contacting Tecumseh c/o Service Manager, Engine and Transmission Group ServiceDivision, 900 North Street, Grafton, Wisconsin 53024-1499.\* 2 years on engine, 10 years on electronic ignition,\*\* 1 year for Australia/New Zealand for rotary mower engines.+ For purposes of this warranty policy, "consumer use" shall mean consumer's personal, residential, household use by the original retail purchaser..+ For purposes of this warranty policy, "commercial use" shall mean all other uses, including use for income producing, or rental equipment, fleet vehicles, lawnmowers, etc. This warranty covers only those products manufactured after January 1, 1995. This warranty does not cover products manufactured prior to January 1, 1995. THIS EXPRESS WARRANTY IS SUPPLEMENTED BY THE TECUMSEH CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT.THIS EXPRESS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. Neither Tecumseh nor any of its affiliates makes any warranties, representations, or promises, written or oral, as to the quality of the engine or any of its parts, other than as set forth herein. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT THAT EITHER MAY APPLY TO ANY TECUMSEH ENGINE OR PART(S)THEREOF, SHALL BE LIMITED IN DURATION TO THE PERIODS OF THE EXPRESS WARRANTIES SHOWN IN THE WARRANTY PERIOD CHART ABOVEAND TO THE EXTENT PERMITTED BY LAW ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED. IN NO EVENT WILL TECUMSEH BE LIABLE FOR ANYINCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES AND/OR EXPENSES. Some states do not allow limitations on how long an implied warranty lasts orth exclusion or limitation of incidental or consequential damages, so the above limitation(s) or exclusion(s) may not apply to you. This Limited Warranty gives you specificlegal rights and you may also have other legal rights which vary from state-to-state.6-195ENGINE WARRANTY PERIOD("CONSUMER USE"+ "COMMERCIAL USE" ++WarrantyCategoryWithin U.S.A.and CanadaOutside U.S.A.and CanadaWithinUSA and Canada(A) 90 day 90 No Warranty N Warranty(B) 1 Year 1 Year 1 Year 1 Year(C) 2 Years 1 Year 1 Year(D) 2 Years 2 Years\*\* 1 Year 1 Year(E) 2 Years 2 Years 1 Year 1 Year(H) 2 "n 10" 2 "n 10" 1 Year(F) 2 "n 10" 2 "n 10" 2 "n 10" 1 Year(G) 7co. are pleased to explain the Federal and California Emission Control Systems Warranty on your new utility or lawn designed, built and equipped to meet the State's stringent anti-smog standards. In other states, new 1997 and later model yearengine for the periods of time listed below, provided there has been no abuse, neglect, unapproved modification, or improper use/emission-related problem exists on your engine or equipment to warrant repairs under this warranty. If during such warranty period, if any such part failed during the ECS Warranty Period, it shall be repaired or replaced by Tecumseh Products Co., authorized and approved emission-related placement part may be used in the performance of any9.Unapproved add-on or modified parts may not be used to modify or repair a Tecumseh Products Co. engine. Such use voidsthis ECS Warranty and shall be sufficient grounds for disallowing an ECS Warranty claim. Tecumseh Products Co. warrants to the original, end-user purchaser of their new engine or equipment and to each subsequent purchaser that each of its utility and lawn and garden equipment engines is:(Designed, built and equipped so as to conform with all applicable regulations adopted by the Air Resources Board pursuant to tsd.Free of charge, any part any new Tecumseh engine which is found, upon examination by any Tecumseh Authorized Service Outlet,or by Tecumseh's factory in Grafton, Wisconsin, to be DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP. THESE SYMBOLS MAY APPEAR ON THE ENGINE:I. mOFF BUFB FASTSLW STOPCHOCKE / : ""===== L.: The engine exhaust from this product contains chemicals ..... known to the State of California to cause cancer, birth defects or other reproductive harm..... --3-19-98nd 181-"14"-FUEL TANK 181-630-14-- FUEL FILLCAP Figure 1MUFFLER LEVRS & LINKAGE Page 1  
The owner shall be responsible for the required maine-nance listed in your Owner's Manual, but Tecumseh Products Co. will not deny warranty solely due to the lack of receipts ordeny warranty coverage if your utility or lawn and garden equipment or a part thereof has failed due to abuse, neglect,house Distributor) as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time.Co. at its factory in Grafton, WI. At the time of requesting warranty service, evidence must be presented of the date of saleto the original purchaser. The purchaser shall pay any charges for making service calls and/or for transporting the produtscto and from the place where the inspection and/or warranty work is performed. The purchaser shall be responsible for any damage or loss incurred in connection with the transportation of any engine or any part(s) thereof submitted for inspectiofff you have any questions regarding your warranty rights and responsibilities, you should contact Tecumseh Products Co. atPage 8EMISSION Control System Warranty ("ECS Warranty") for 1995 and later model year California utility and lawn and garden equipmentA.APPLICABILITY: This warranty shall apply to 1995 and later model year California utility and lawn and garden equipment engines(for other states, 1997 and later model year engines). The ECS Warranty Period shall begin on the date the new engine orGENERAL EMISSIONS WARRANTY COVERAGE: Tecumseh Products Co. warrants to the original, end-use purchaser of their new engine or equipment and to each subsequent purchaser that each of its utility and lawn and garden equipment engines is:(Designed, built and equipped so as to conform with all applicable regulations adopted by the Air Resources Board pursuant to tsd.FREE OF CHARGE, ANY PART ANY NEW TECUMSEH ENGINE WHICH IS FOUND, UPON EXAMINATION BY ANY TECUMSEH AUTHORIZED SERVICE OUTLET, OR BY TECUMSEH'S FACTORY IN GRAFTON, WISCONSIN, TO BE DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP. THESE SYMBOLS MAY APPEAR ON THE ENGINE:I. mOFF BUFB FASTSLW STOPCHOCKE / : ""===== L.: The engine exhaust from this product contains chemicals ..... known to the State of California to cause cancer, birth defects or other reproductive harm..... --3-19-98nd 181-"14"-FUEL TANK 181-630-14-- FUEL FILLCAP Figure 1MUFFLER LEVRS & LINKAGE Page 1  
the ECS Warranty Period, a statement in such written instructions to the effect of "repair or replace as necessary," shall not reduce the ECS Warranty Period. Any such part repaired or replaced under the ECS Warranty shall be warranted for3.Any warranted, emissions-related part which is scheduled for replacement as required maintenance in the Owner's Manual, shalbe warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the firstscheduled replacement, the part shall be repaired or replaced by Tecumseh Products Co. according to Subsection 4 below. Any4.Repair or replacement of any warranted, emissions-related part under this ECS Warranty shall be performed at no charge to the5.The owner shall not be charged for diagnostic labor which leads to the determination that a part covered by the ECS Warranty is6.Tecumseh Products Co. shall be liable for damages to other original engine components or approved modifications proximately7.Throughout the ECS Warranty Period, Tecumseh Products Co. shall maintain a supply of warranted emission-related parts8.Any Tecumseh Products Co. authorized and approved emission-related replacement part may be used in the performance of any9.Unapproved add-on or modified parts may not be used to modify or repair a Tecumseh Products Co. engine. Such use voidsthis ECS Warranty and shall be sufficient grounds for disallowing an ECS Warranty claim. Tecumseh Products Co. shall not beliable herunder for failures of any warranted parts of a Tecumseh Products Co. engine caused by the use of such an unap.-1. Carburetor Assembly and its Internal Components 4. Catalytic Muffler (if so equipped) Ask the publishers to restore access to 500,000 books.