



TOOLMAN LT6850 Polisher Buffer Sander 7-Inch Variable Speed Instruction Manual

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TOOLMAN®

LT6850 Polisher Buffer Sander 7-Inch Variable Speed
Instruction Manual



WARNING:

For your personal safety, READ and UNDERSTAND before using .
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

California Proposition



WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

For more information: www.p65warnings.ca.gov

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MAIN SAFETY INSTRUCTIONS FOR POWER TOOLS



WARNING

WHEN USING A POWER TOOL, THE FOLLOWING BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE TAKEN TO REDUCE THE RISK OF ELECTRIC SHOCK, OF FIRE, AND/ OR PERSONAL INJURY. READ AND UNDERSTAND THE USER'S MANUAL BEFORE OPERATING THE POWER TOOL IS REQUIRED.

BASIC ELECTRICAL SAFETY

DOUBLE INSULATION. THIS TOOL IS DOUBLE INSULATED FROM THE MAIN POWER SUPPLY MAKING IT UNNECESSARY FOR THIS POWER TOOL TO BE EARTHED.

OUTLET VOLTAGE AND POWER TOOL VOLTAGE COMPATIBILITY. MAKE SURE THAT THE OUTLET VOLTAGE

IS WITHIN THE VOLTAGE RANGE OF THE POWER TOOL.

AVOID ELECTRICAL SHOCK. DO NOT WORK IN WET AND HUMID CONDITIONS WITH A POWER TOOL.

BASIC PERSONAL SAFETY

BE WATCHFUL. OPERATING A POWER TOOL REQUIRES ATTENTION, CONCENTRATION, AND CONTROL TO AVOID ANY PERSONAL INJURY. THUS, WHILE USING A POWER TOOL YOU MUST NOT BE TIRED AND UNDER THE INFLUENCE OF ALCOHOL, DRUGS, OR MEDICATION.

USE SAFETY EQUIPMENT. USE APPROPRIATE SAFETY EQUIPMENT SUCH AS GOGGLES. DUST MASK, NON-SKID SAFETY SHOES, OR HEARING PROTECTION WHENEVER AND WHEREVER APPLICABLE.

DRESS PROPERLY. DO NOT WEAR LOOSE CLOTHING OR JEWELRY SUCH AS A NECKLACE THAT CAN BE CAUGHT BY THE POWER TOOL MOVING PARTS.

REMOVE ANY ADJUSTING TOOL SUCH AS A KEY OR WRENCH. BEFORE PLUG IN THE POWER TOOL, REMOVE ANY ADJUSTING TOOL TO AVOID ACCIDENTS CAUSED BY THE ROTATION OF THE ADJUSTING TOOLS LEFT ATTACHED TO A ROTATION PART.

AVOID ACCIDENTAL START ENSURE THAT THE SWITCH IS IN THE "OFF" POSITION BEFORE PLUGGING IN THE POWER TOOL.

AVOID ELECTRICAL SHOCK. ALWAYS HOLD THE POWER TOOL BY INSULATED GRIPPING SURFACES, WHEN PERFORMING AN OPERATION WHERE THE DRILLING OR CUTTING TOOLS MAY CONTACT HIDDEN ELECTRICAL WIRES.

MAINTAIN THE POWER TOOL AND YOUR HAND

CLEAN. KEEP POWER TOOL, NOTABLY THE HANDLE (S), AND YOUR HANDS CLEAN AND FREE FROM OIL AND GREASE TO ENSURE BETTER CONTROL OF THE POWER TOOL IN OPERATION.

KEEP CHILDREN AND UNTRAINED PEOPLE AWAY

POWER TOOL USE AND CARE

DO NOT FORCE THE POWER TOOL. DO NOT USE THE POWER TOOL IN AN INAPPROPRIATE CONTEXT OR IN A CONTEXT THE POWER TOOL IS NOT DESIGNED FOR EACH POWER TOOL IS DESIGNED FOR SPECIFIC PERFORMANCE. A POWER TOOL DESIGNED TO BE SERVED AS A DO-IT-YOURSELF TOOL

SHOULD NOT BE USED BY PROFESSIONALS FOR EXTENDED USES

HAS THE POWER TOOL BEEN REPAIRED BY QUALIFIED PEOPLE? ANY POWER TOOL THAT CAN NOT BE CONTROLLED WITH THE SWITCH IS DANGEROUS AND MUST BE REPAIRED BY A QUALIFIED PERSON.

DISCONNECT THE POWER TOOL FROM THE POWER SOURCE BEFORE ANY INTERVENTION. DISCONNECT THE PLUG FROM THE POWER SOURCE AND/OR THE BATTERY PACK BEFORE MAKING ANY ADJUSTMENT.

CHANGING ACCESSORIES, STORING THE POWER TOOL, AND MAINTAINING THE POWER TOOL
STORE POWER TOOLS IN A SAFE PLACE. STORE IDLE POWER TOOLS IN A DRY AND A CLEAN PLACE, OUT OF THE REACH OF CHILDREN.

MAINTAIN PREVENTIVELY THE POWER TOOL.

INSPECT REGULARLY THE MOUNTING PARTS: CHECK IF ALL THE LOOSE SCREWS ARE PROPERLY TIGHTENED.

- REGREASE THE POWER TOOL WITH GEARS WITH SPECIAL LUBRICANT AT EVERY BRUSH CHANGE.
- AFTER REGULAR EXAMINATION OF THE STATE OF THE BRUSHES AND COMMUTATOR, SEE WHETHER THESE PARTS NEED TO BE CHANGED.
- CLEAN YOUR POWER TOOLS BODY USING A CLEANING CLOTH LIGHTLY WET WITH A MIXED SOLUTION OF WATER AND SOAP.

MAIN SAFETY INSTRUCTIONS FOR POLISHER




SECURE THE WORKPIECE WHEN POLISHING AND HOLD THE POLISHER WITH BOTH HANDS. CLAMPING THE WORKPIECE AND MAINTAINING THE POLISHER WITH BOTH HANDS WILL ALLOW YOU TO BETTER CONTROL THE MACHINE IN OPERATION.

ALWAYS WEAR EYE PROTECTION, A DUST MASK, AND/OR OTHER PROTECTIVE EQUIPMENT AND/OR CLOTHING. POLISHING PARTICLES CAN BE PROJECTED TO YOUR EYES OR INHALED BY YOUR

NOSE. IN ADDITION TO WEARING EYE PROTECTION AND DUST MASK, OTHER PROTECTIVE EQUIPMENT OR CLOTHING SUCH AS A RESPIRATOR MASKS MUST BE WORN IF THE MATERIALS BEING REMOVED SUCH AS PAINTS CONTAIN CHEMICAL PARTICLES THAT ARE HARMFUL TO HUMAN HEALTH.

SYMBOLS

IMPORTANT: CERTAIN SYMBOLS MENTIONED BELOW ARE PRINTED ON YOUR POWER TOOL. THE UNDERSTANDING OF THESE SYMBOLS WILL ALLOW YOU TO OPERATE YOUR POWER TOOL IN SAFER CONDITIONS.

SYMBOL	NAME	DESIGNATION / EXPLANATION
V	VOLT	VOLTAGE
A	AMPERE	CURRENT
Hz	HERTZ	FREQUENCY
W	WATT	POWER
nO	NO-LOAD SPEED	TOOL'S SPEED BEFORE CONTACT WITH THE WORKPIECE
.../MIN	REVOLUTION PER MINUTE	NUMBER OF ROTATIONS! MINUTE
0	'OFF"	"OFF" POSITION
1, 2, 3, ...OU I, II, III,	SPEED SELECTOR	A HIGH NUMBER INDICATES A HIGHER SPEED
	CONSTRUCTION CLASSE I	DOUBLE INSULATION
	EARTH TERMINAL	EARTH TERMINAL LIAISON
	ENVIRONMENTAL PROTECTION FOR WASTE ELECTRICAL PRODUCTS	WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST. CHECK WITH YOUR LOCAL AUTHORITY OR RETAILER FOR RECYCLING ADVICE

MAIN TECHNICAL DATA

MODEL:	YAE0578
RATED INPUT POWER	10A
VOLTAGE / FREQUENCY	110/120 V – 50/60 HZ
NO-LOAD SPEED	1500 – 4,800 RPM
POLISHING PAD DIAMETER	180 MM

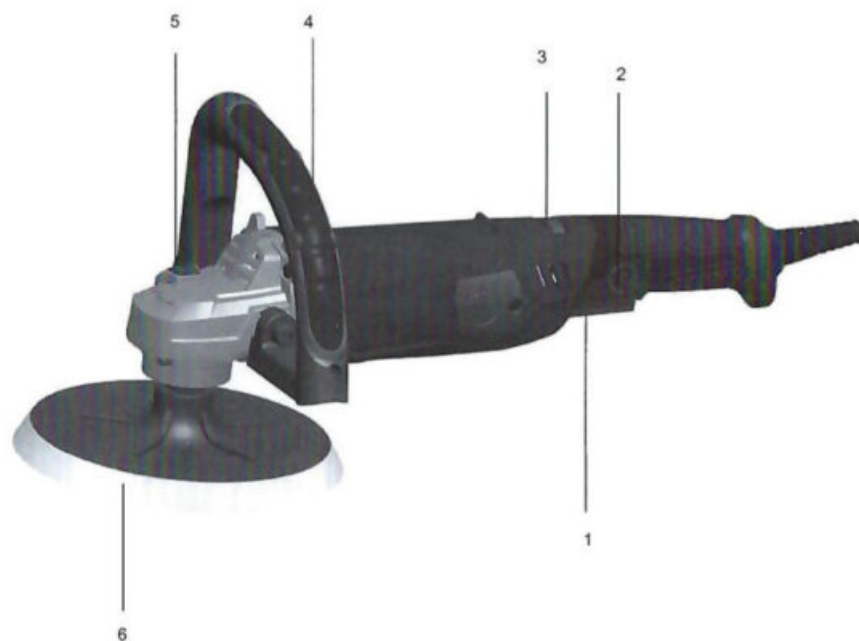
STANDARD ACCESSORIES

POLISHING DISC	1 PC
POLISHING WOOL PAD	1 PC
SIDE HANDLE	1 PC
BOLTS AND WASHERS TO HANDLE	2 PCS
HEX WRENCH	1 PC

POLISHER MAIN FUNCTIONS

YOUR POLISHER POSSESSES SOME OR ALL OF THE FOLLOWING FUNCTIONS:
POLISHER MAIN FUNCTIONS

MOD.YAE0578



1. ON/OFF TRIGGER SWITCH	4. SIDE HANDLE
2. "LOCK-ON" BUTTON	5. SPINDLE LOCK
3. SPEED SELECTOR	6. POLISHING WOOL PAD

POLISHER IN OPERATION

THE PICTURES AND/OR DRAWINGS BELOW INTEND TO MAKE YOU FAMILIAR WITH THE DIFFERENT FUNCTIONS OF YOUR POLISHER. THESE PICTURES AND/OR DRAWINGS MAY NOT SHOW THE ACTUAL POLISHER MODEL THAT YOU HAVE PURCHASED BEFORE ANY INTERVENTION, YOUR POLISHER MUST BE UNPLUGGED FROM THE POWER SOURCE.

ASSEMBLY

1. INSTALLING OR REMOVING THE SIDE HANDLE

ALWAYS INSTALL THE SIDE HANDLE ON THE POLISHER BEFORE OPERATION.

ALIGN THE SIDE HANDLE PROTRUSION WITH THE HOLE IN THE GEAR HOUSING SO THAT THE PROTRUSION CAN FIT INTO THE HOLE AND FIX THE HANDLE FIRMLY (FIG. 1).

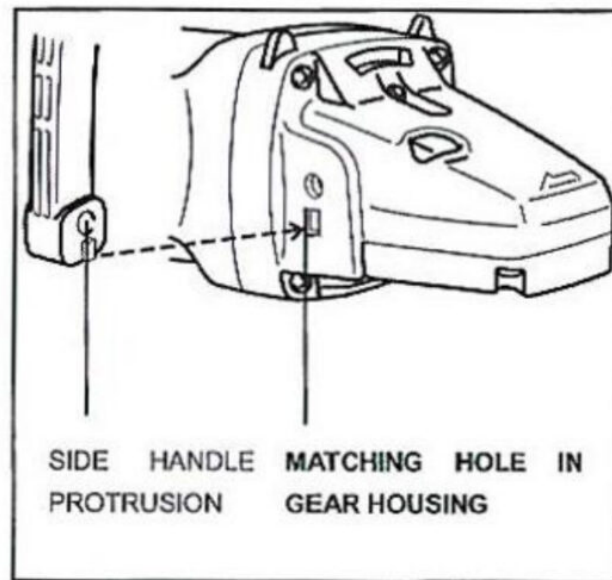


FIG. 1

PLACE AND FIX THE 2 BOLTS ON THE MACHINE BODY WITH THE HEX KEY. THE SIDE HANDLE CAN BE INSTALLED ON EITHER SIDE OF THE POLISHER, DEPENDING ON THE WORK REQUIREMENT (FIG. 2, FIG. 3).

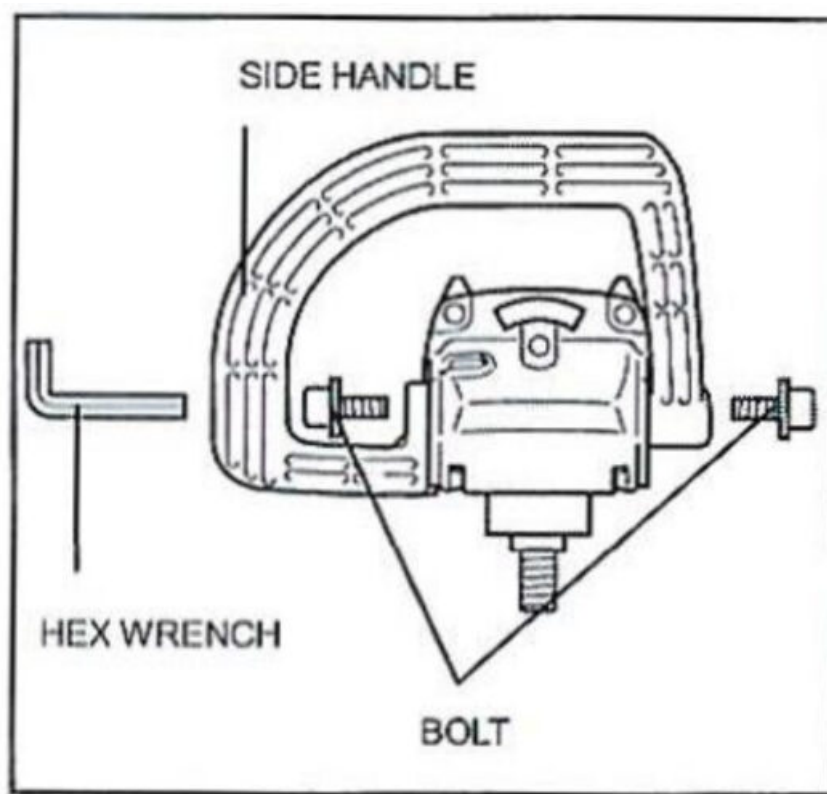
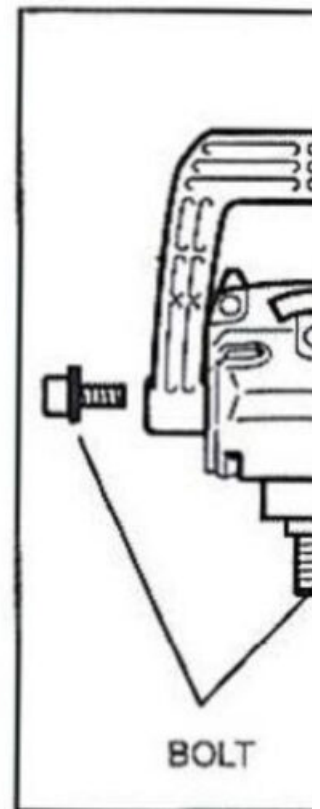


FIG. 2



TO REMOVE THE SIDE HANDLE, REVERSE THE INSTALLATION PROCEDURE.

2. INSTALLING OR REMOVING THE POLISHING DISC AND POLISHING MATERIALS

YOUR POLISHER IS SUPPLIED WITH 1 POLISHING DISC AND 1 POLISHING WOOL PAD. THE POLISHING DISC IS DESIGNED FOR SUPPORTING THE POLISHING PAD.

FIRST, REMOVE ALL THE DIRT FROM THE POLISHING DISC BEFORE MOUNTING THE POLISHING WOOL PAD ON THE POLISHING DISC.

THEN. PRESS THE “SPINDLE-LOCK” BUTTON TO MOUNT THE POLISHING WOOL PAD. MAKE SURE THAT THE POLISHING PAD IS STRETCHED PROPERLY AND EVENLY ON THE POLISHING DISC (FIG. 4).

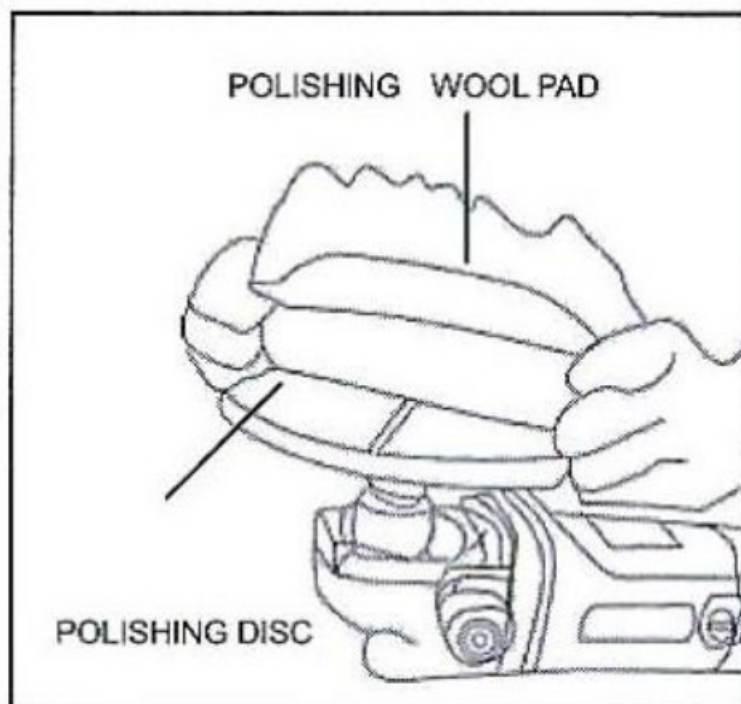


FIG. 4

TO REMOVE THE POLISHING DISC AND WOOL PAD. REVERSE THE INSTALLATION PROCEDURE.

3. **REPLACING THE CARBON BRUSHES**

TO MAINTAIN THE PEAK EFFICIENCY OF YOUR POWER TOOL MOTOR, WE RECOMMEND THAT THE CARBON BRUSHES BE EXAMINED EVERY 2-6 MONTHS. AS THE CARBON BRUSH IS AN INTERNAL PART OF YOUR POWER TOOL, THE SERVICE MUST BE PERFORMED BY QUALIFIED PERSONNEL. USE A SCREWDRIVER TO REMOVE THE BRUSH HOLDER CAPS. TAKE OUT THE WORN CARBON BRUSHES AND REPLACE THEM WITH A NEW PAIR (FIG 5).

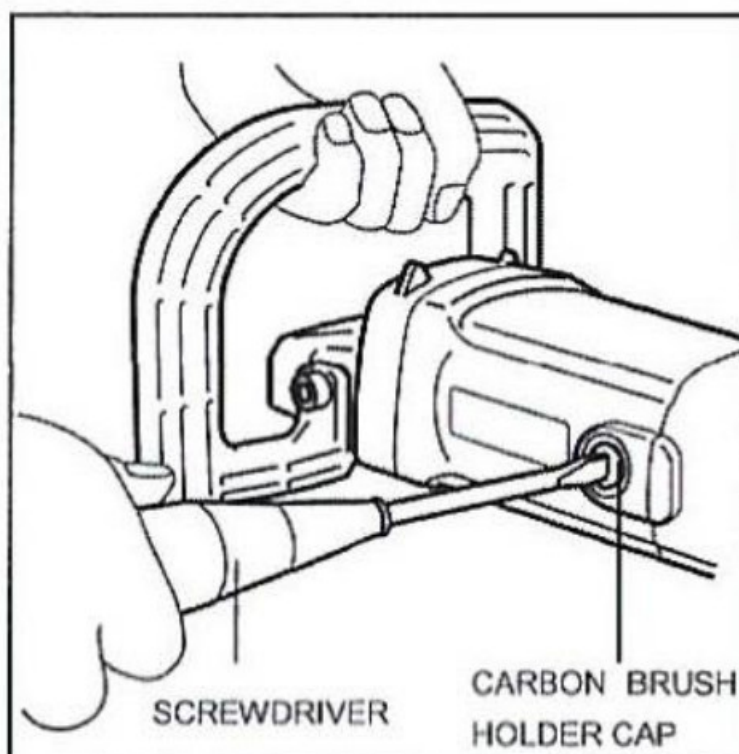


FIG. 5

OPERATION

1. SPINDLE LOCK FUNCTION

PRESS THE SPINDLE LOCK TO PREVENT SPINDLE ROTATION WHEN INSTALLING OR REMOVING ACCESSORIES (FIG. 6).

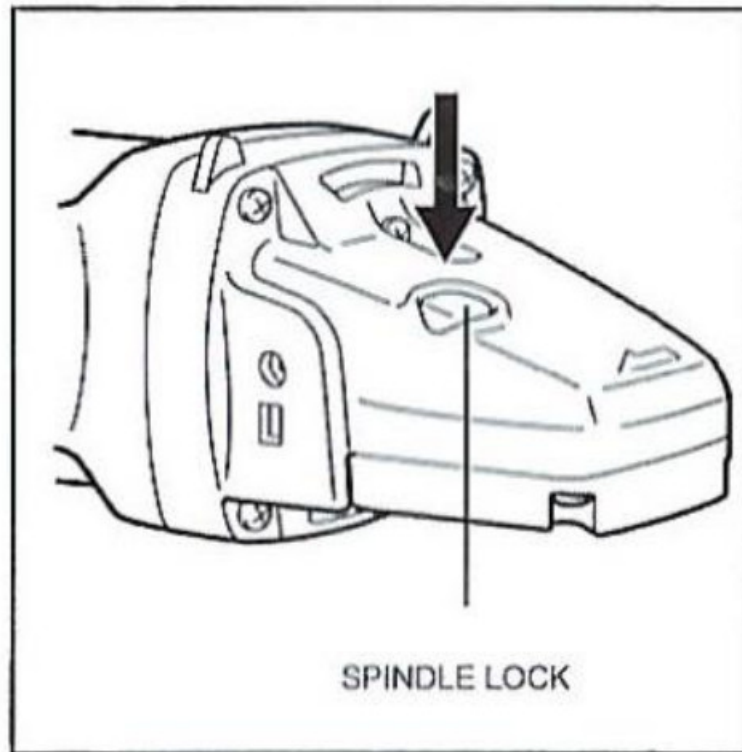


FIG. 6

2. CONTINUOUS OPERATION FUNCTION

DEPRESS THE "ON/OFF" TRIGGER SWITCH FIRST TO START YOUR POLISHER. THEN. PRESS ON THE 'LOCK-ON" BUTTON TO ACTIVATE THC: CONTINUOUS OPERATION FUNCTION. TO DEACTIVATE THE FOR CONTINUOUS OPERATION FUNCTION, PRESS ON THE "ON/OFF" TRIGGER SWITCH TO STOP YOUR POLISHER (FIG. 7)

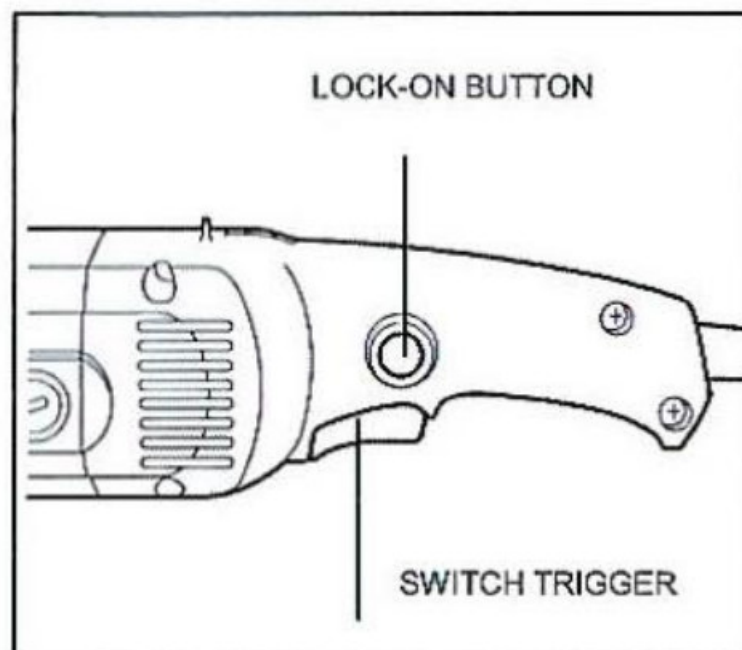


FIG. 7

3. VARIABLE SPEED FUNCTION

YOUR POLISHER SPEED CAN BE CHANGED BY PLACING THE SPEED SELECTOR TO A GIVEN NUMBER SETTING FROM 1 TO 6 (FIG. 8).

THE HIGHEST SPEED IS OBTAINED WHEN YOU PLACE THE SELECTOR ON THE POSITION 6, THE LOWEST SPEED IS OBTAINED WHEN YOU PLACE THE SELECTOR ON POSITION 1.

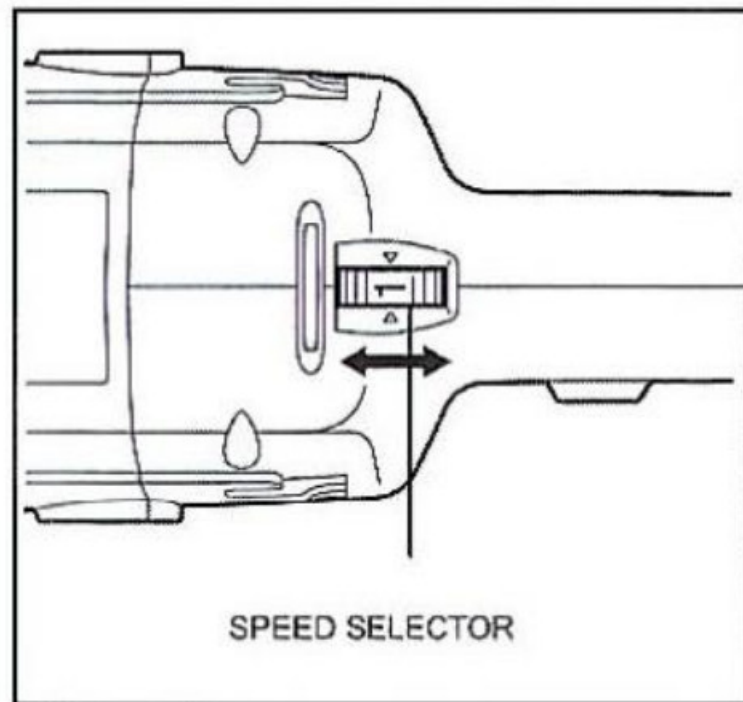


FIG. 8

THE FOLLOWING TABLE ESTABLISHES THE RELATIONSHIP BETWEEN THE SIX POSITIONS ON THE SPEED SELECTOR AND THE CORRESPONDING AVERAGE POLISHING SPEEDS.

4. POLISHER OPERATION

HOLD YOUR POLISHER FIRMLY AND TURN IT "ON", OPERATE THE POLISHER FOR AT LEAST 20 SECONDS BEFORE POLISHING TO MAKE SURE THAT THE MACHINE IS RUNNING AT A DESIRABLE SPEED. THEN, APPLY THE POLISHER PAD ONTO THE WORKPIECE. IN GENERAL, KEEP THE POLISHER PAD AT AN ANGLE OF ABOUT 15 DEGREES TO THE WORKPIECE SURFACE WHICH WILL ALLOW YOU TO WORK MORE EFFICIENTLY (FIG. 9).

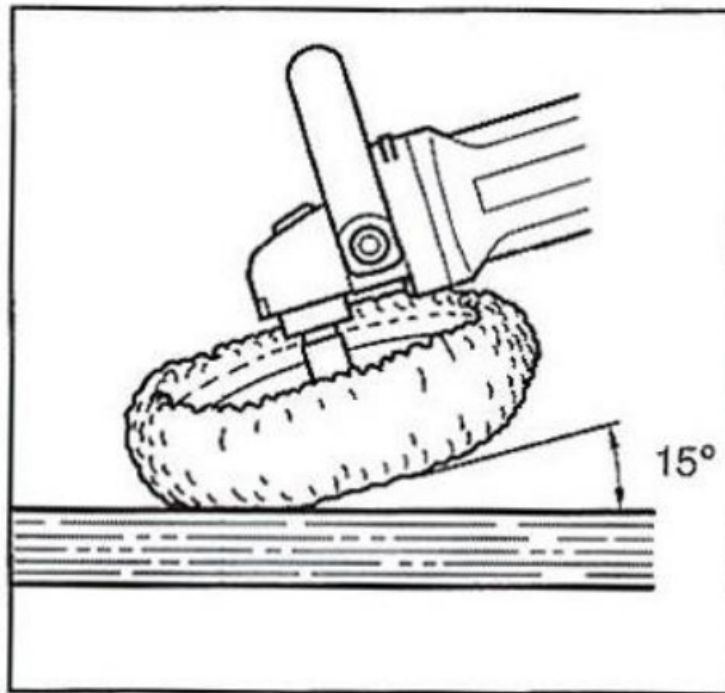



FIG. 9

WHILE WORKING. CONTROL YOUR PRESSURE AND MOVE THE POLISHING PAD CIRCULARLY. A LIGHT PRESSURE ACCOMPANIED BY A CIRCULAR MOTION OF THE POLISHING PAD WILL ALLOW YOU TO REMOVE MOST SCRATCHES AND RESTORE WEATHERED FINISHES.

Documents / Resources

 <p>TOOLMAN POLISHER LT6850, LT6852</p>	<p>TOOLMAN LT6850 Polisher Buffer Sander 7-Inch Variable Speed [pdf] Instruction Manual LT6850, LT6852, Polisher Buffer Sander 7-Inch Variable Speed</p>
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