



FICHA TÉCNICA

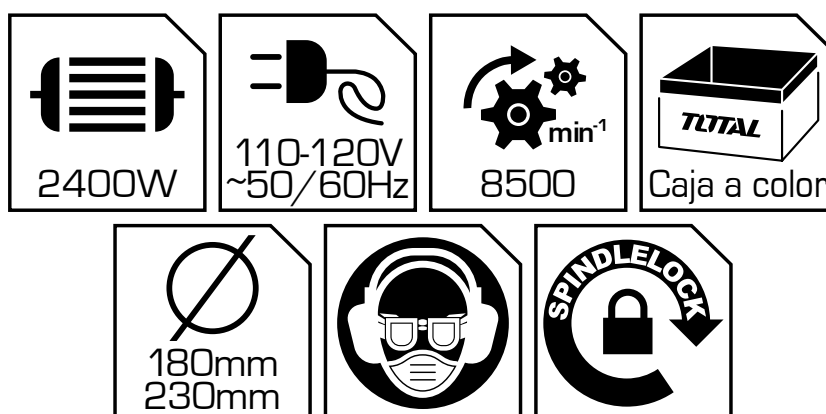
Producto: Lijadora Angular 2400W modelo Antiguo

DESCRIPCIÓN: Lijadora angular Total Tools de 2400 W modelo antiguo. Funciona con voltaje 110-120V~50/60Hz, de una velocidad sin carga de 8500min⁻¹. Eje enroscado de 5/8 - 11 UNC con spindle lock que permite cambio de disco facilmente. Mango auxiliar y llave incluidos con la herramineta.

CÓDIGO: UTG1241806



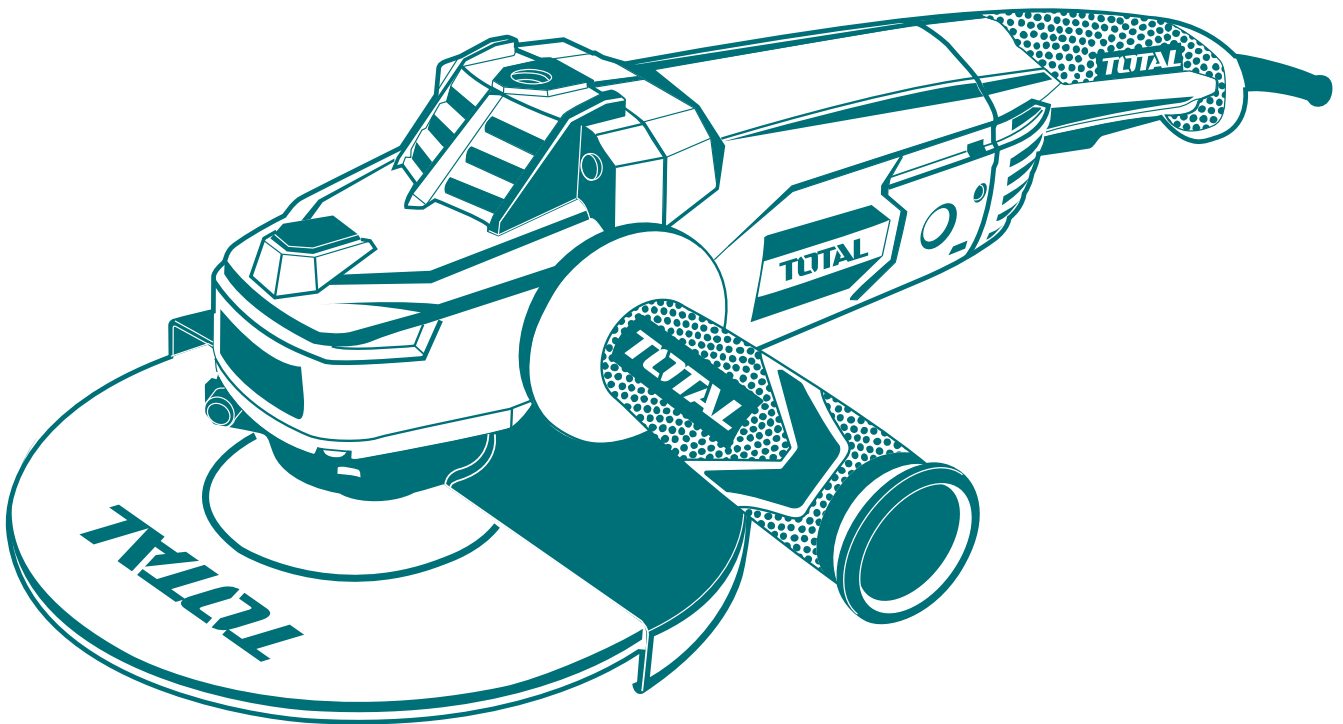
| | |
|---|---|
| Marca: Total Tools | Mango Auxiliar y Llave: Incluidos |
| Voltaje: 110 - 220V~50/60Hz | Garantía: 3 meses |
| Potencia: 2400W | Incluye: Spindle Lock, Incluido, permite cambio discos facilmente. |
| Velocidad sin Carga: 8500min ⁻¹ | Procedencia: Importado |
| Diametro Disco: 7" | |
| Eje Enrosacado: 5/8 - 11UNC | |



TOTAL

One-Stop Tools Station

TOTAL



ANGLE GRINDER

www.totaltools.cn
TOTAL TOOLS CO., LIMITED
MADE IN CHINA
T1217.V06

2350W

General Power Tool Safety Warnings

▲ WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

- 1) **Work area safety**
 - a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
 - b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
 - c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.
- 2) **Electrical safety**
 - a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
 - b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
 - c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
 - d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
 - e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
 - f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
- 3) **Personal safety**
 - a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
 - b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
 - c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
 - e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
 - g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- 4) **Power tool use and care**
 - a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
 - b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
 - d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
 - e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
 - f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

- 5) **Service**
- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.**
 - b) **If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.**
- 6) Recommendation that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.

Safety Warnings Common for Grinding Operations:

- a) **This power tool is intended to function as a grinder tool. Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.**
- b) **Operations such as sanding, wire brushing, polishing or cutting-off are not recommended to be performed with this power tool. Operations for which the power tool was not designed may create a hazard and cause personal injury.**
- c) **Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Just because the accessory can be attached to your power tool, it does not assure safe operation.**
- d) **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool. Accessories running faster than their rated speed can break and fly apart.**
- e) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool. Incorrectly sized accessories cannot be adequately guarded or controlled.**
- f) **The arbour size of wheels, flanges, backing pads or any other accessory must properly fit the spindle of the power tool. Accessories with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.**
- g) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.**
- h) **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.**
- i) **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.**
- j) **Hold power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.**
- k) **Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.**
- l) **Never lay the power tool down until the accessory has come to a complete stop. The spinning**

accessory may grab the surface and pull the power tool out of your control.

m) **Do not run the power tool while carrying it at your side.** *Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.*

n) **Regularly clean the power tool's air vents.** *The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.*

o) **Do not operate the power tool near flammable materials.** *Sparks could ignite these materials.*

p) **Do not use accessories that require liquid coolants.** *Using water or other liquid coolants may result in electrocution or shock.*

Kickback and Related Warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions. Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.** *The operator can control torque reactions or kickback forces, if proper precautions are taken.*

b) **Never place your hand near the rotating accessory.** *Accessory may kickback over your hand.*

c) **Do not position your body in the area where power tool will move if kickback occurs.** *Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.*

d) **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** *Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.*

e) **Do not attach a saw chain woodcarving blade or toothed saw blade.** *Such blades create frequent kickback and loss of control.*

Safety Warnings Specific for Grinding Operations:

a) **Use only wheel types that are recommended for your power tool and the specific guard designed for the selected wheel.** *Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.*

b) **The grinding surface of centre depressed wheels must be mounted below the plane of the guard lip.** *An improperly mounted wheel that projects through the plane of the guard lip cannot be adequately protected.*

c) **The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator.** *The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.*

d) **Wheels must be used only for recommended applications. For example: do not grind with the side of cut-off wheel.** *Abrasive cut-off wheels are intended for peripheral grinding, side forces applied*

to these wheels may cause them to shatter.

e) Always use undamaged wheel flanges that are of correct size and shape for your selected wheel. *Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.*

f) Do not use worn down wheels from larger power tools. *Wheel intended for larger power tool is not suitable for the higher speed of a smaller tool and may burst.*

SPECIFICATIONS

| | | | |
|-------------------|------------------|------------------|------------------------|
| Model No. | TG1241806 | UTG1241806 | TG1241806-4(IRAM Plug) |
| Rated voltage | 220-240V~50/60Hz | 110-120V~50/60Hz | 220-240V~50/60Hz |
| Rated power input | 2350W | 2350W | 2350W |
| No-load speed | 8000/min | 8000/min | 8000/min |
| Disc diameter | 180mm | 7" | 180mm |
| Spindle thread | M14 | 5/8"-11UNC | M14 |

| | | | |
|-------------------|--------------------------|----------------------|-----------------------|
| Model No. | TG1241806-6(ISRAEL Plug) | TG1241806-8(BS Plug) | TG1241806S (SAA Plug) |
| Rated voltage | 220-240V~50/60Hz | 220-240V~50/60Hz | 220-240V~50/60Hz |
| Rated power input | 2350W | 2350W | 2350W |
| No-load speed | 8000/min | 8000/min | 8000/min |
| Disc diameter | 180mm | 180mm | 180mm |
| Spindle thread | M14 | M14 | M14 |

GENERAL SAFETY RULES

(For All Tools)

WARNING! Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS.

Work Area

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

Electrical Safety

4. **Double insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a**

polarized outlet. Do not change the plug in any way. Double insulation □ eliminates the need for the three wire grounded power cord and grounded power supply system.

5. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.
6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
7. **Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.** Damaged cords increase the risk of electric shock.
8. **When operating a power tool outside, use an outdoor extension cord marked "W-A" or "W".** These cords are rated for outdoor use and reduce the risk of electric shock.

Personal Safety

9. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.

10. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
11. **Avoid accidental starting. Be sure switch is off before plugging in.** Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
12. **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
13. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.
14. **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions. Ordinary eye or sun glasses are NOT eye protection.

Tool Use and Care

15. **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
16. **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
17. **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
18. **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
19. **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
20. **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
21. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
22. **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.

Service

23. **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
24. **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of electric shock or injury.

USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

SPECIFIC SAFETY RULES

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to grinder safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.

1. **Always use proper guard with grinding wheel.** A guard protects operator from broken wheel fragments.
2. **Accessories must be rated for at least the speed recommended on the tool warning label.** Wheels and other accessories running over rated speed can fly apart and cause injury.
3. **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
4. **When using depressed center grinding wheels, be sure to use only fiberglass-reinforced wheels.**
5. **Always use safety glasses or goggles.** Ordinary eye or sun glasses are NOT safety glasses.
6. **Check the wheel carefully for cracks or damage before operation. Replace cracked or damaged wheel immediately. Run the tool (with guard) at no load for about a minute, holding tool away from others. If wheel is**

- flawed, it will likely separate during this test.
7. Use only flanges specified for this tool.
 8. Be careful not to damage the spindle, the flange (especially the installing surface) or the lock nut. Damage to these parts could result in wheel breakage.
 9. NEVER use tool with wood cutting blades or other sawblades. Such blades when used on a grinder frequently kick and cause loss of control leading to personal injury.
 10. Hold the tool firmly.
 11. Keep hands away from rotating parts.
 12. Make sure cord is clear of wheel. Do not wrap cord around your arm or wrist. If control of tool is lost, cord may become wrapped around you and cause personal injury.
 13. Make sure the wheel is not contacting the workpiece before the switch is turned on.
 14. Before using the tool on an actual workpiece, let it run for a while. Watch for vibration or wobbling that could indicate poor installation or a poorly balanced wheel.
 15. Use the specified surface of the wheel to perform the grinding.
 16. Watch out for flying sparks. Hold the tool so that sparks fly away from you and other persons or flammable materials.
 17. Do not leave the tool running. Operate the tool only when hand-held.
 18. Do not touch the workpiece immediately after operation; it may be extremely hot and could burn your skin.
 19. ALWAYS wear proper apparel including long sleeve shirts, leather gloves and shop aprons to protect skin from contact with hot grindings.
 20. Use of this tool to grind or sand some products, paints and wood could expose user to dust containing hazardous substances. Use appropriate respiratory protection.
 21. After using the tool, make sure the wheel rotation comes to a complete stop before setting the tool down. Setting the tool down with the wheel rotating can cause personal injury.




SAVE THESE INSTRUCTIONS.

⚠ WARNING:

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

Symbols

The followings show the symbols used for tool.

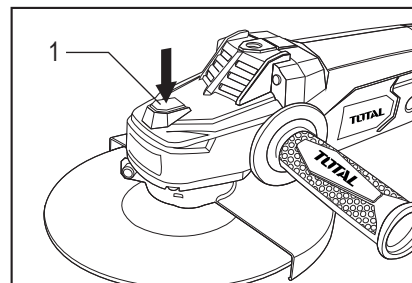
| | |
|---|---|
| V | · volts |
| A | · amperes |
| Hz | · hertz |
|  | · alternating current |
|  | · alternating or direct current |
| n | · no load speed |
|  | · Class II Construction |
| \dots /min r /min | · revolutions or reciprocation per minute |

FUNCTIONAL DESCRIPTION

⚠ CAUTION:

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Shaft lock



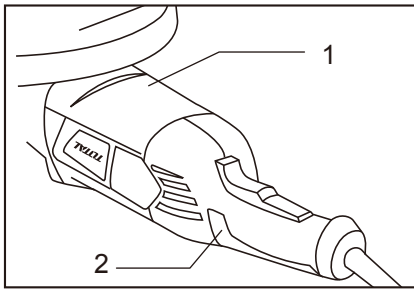
1. Shaft lock

⚠ CAUTION:

- Never actuate the shaft lock when the spindle is moving. The tool may be damaged.

Press the shaft lock to prevent spindle rotation when installing or removing accessories.

Switch handle mounting positions



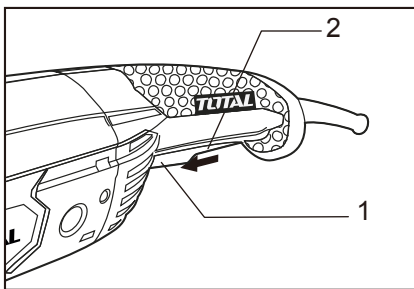
1. Motor housing
2. Handle

The switch handle can be rotated to either 90° left or right to fit your work needs. First, unplug the tool. Press the lock button and rotate the switch handle to left or right fully. The switch handle will be locked in that position.

⚠ CAUTION:

- Always make sure that the switch handle is locked in the desired position before operation.

Switch action



1. Lock-on button
2. Switch trigger

For tool with lock button

⚠ CAUTION:

- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.
- Switch can be locked in "ON" position for ease of operator comfort during extended use. Apply caution when locking tool in "ON" position and maintain firm grasp on tool.

To start the tool, simply pull the switch trigger. Release the switch trigger to stop.

For continuous operation, pull the switch trigger and then push in the lock button, and then release the switch trigger.

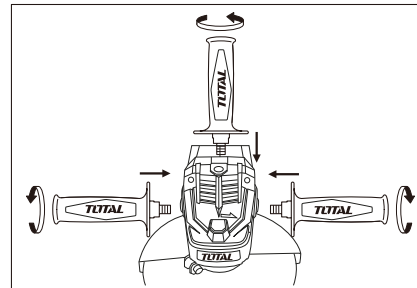
To stop the tool from the locked position, pull the switch trigger fully, then release it.

ASSEMBLY

⚠ CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Installing side grip (handle)



⚠ CAUTION:

- Always be sure that the side grip is installed securely before operation.

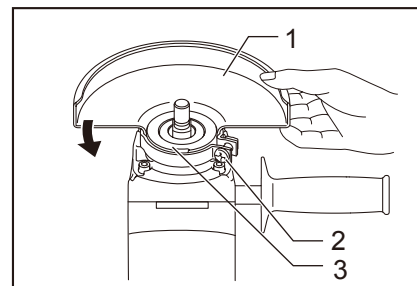
Screw the side grip securely on the position of the tool as shown in the figure.

Installing or removing wheel guard

⚠ CAUTION:

- When using a depressed center grinding wheel/Multi-disc, flex wheel or wire wheel brush, the wheel guard must be fitted on the tool so that the closed side of the guard always points toward the operator.

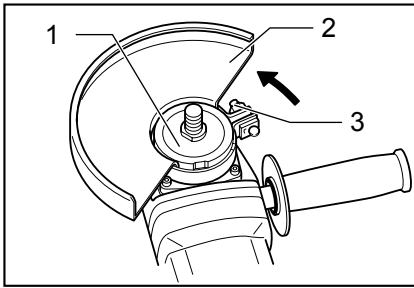
For tool with locking screw type wheel guard



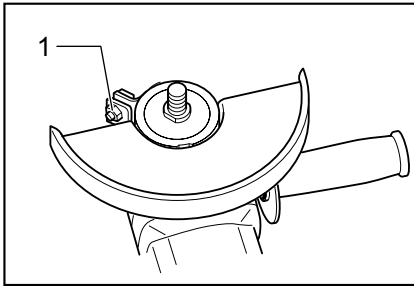
1. Wheel guard
2. Screw
3. Bearing box

Mount the wheel guard with the protrusion on the wheel guard band aligned with the notch on the bearing box. Then rotate the wheel guard around 180 degrees counterclockwise. Be sure to tighten the screw securely. To remove wheel guard, follow the installation procedure in reverse.

For tool with clamp lever type wheel guard



- 1. Bearing box
- 2. Wheel guard
- 3. Nut

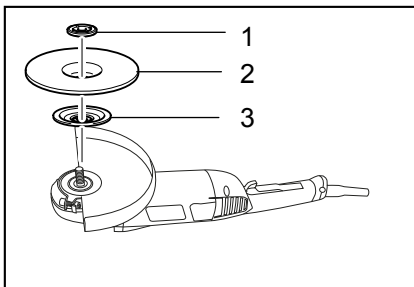


- 1. Nut

Loosen the lever on the wheel guard. Mount the wheel guard with the protrusion on the wheel guard band aligned with the notch on the bearing box. Then rotate the wheel guard around to the position shown in the figure. Tighten the lever to fasten the wheel guard. If the lever is too tight or too loose to fasten the wheel guard, loosen or tighten the nut to adjust the tightening of the wheel guard band.

To remove wheel guard, follow the installation procedure in reverse.

Installing or removing depressed center grinding wheel/Multi-disc (accessory)



- 1. Lock nut
- 2. Depressed center grinding wheel/Multi-disc
- 3. Inner flange

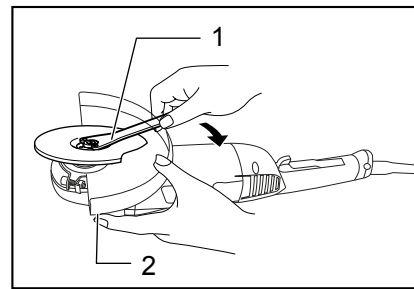
⚠ WARNING:

- Always use supplied guard when depressed center grinding wheel/Multi-disc is on tool. Wheel can shatter during use and guard helps to reduce chances of personal injury.

Mount the inner flange onto the spindle. Fit the wheel/disc on the inner flange and screw the lock nut with its protrusion facing downward (facing toward the wheel).

To tighten the lock nut, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench

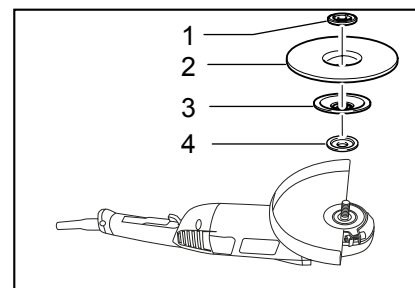
and securely tighten clockwise.



- 1. Lock nut wrench
- 2. Shaft lock

To remove the wheel, follow the installation procedure in reverse.

Installing or removing flex wheel (optional accessory)



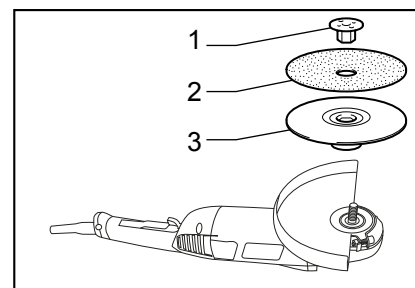
- 1. Lock nut
- 2. Flex wheel
- 3. Plastic pad
- 4. Inner flange

⚠ WARNING:

- Always use supplied guard when flex wheel is on tool. Wheel can shatter during use and guard helps to reduce chances of personal injury.

Follow instructions for depressed center grinding wheel/Multi-disc but also use plastic pad over wheel. See order of assembly on accessories page in this manual.

Installing or removing sanding disc (optional accessory)



- 1. Lock nut
- 2. Abrasive disc
- 3. Rubber pad

NOTE:

- Use sander accessories specified in this manual. These must be purchased separately.

Mount the rubber pad onto the spindle. Fit the disc on the rubber pad and screw the lock nut onto the spindle. To tighten the lock nut, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench and securely tighten clockwise.

To remove the disc, follow the installation procedure in reverse.

OPERATION

⚠️WARNING:

- It should never be necessary to force the tool. The weight of the tool applies adequate pressure. Forcing and excessive pressure could cause dangerous wheel breakage.
- ALWAYS replace wheel if tool is dropped while grinding.
- NEVER bang or hit grinding disc or wheel onto work.
- Avoid bouncing and snagging the wheel, especially when working corners, sharp edges etc. This can cause loss of control and kickback.
- NEVER use tool with wood cutting blades and other sawblades. Such blades when used on a grinder frequently kick and cause loss of control leading to personal injury.

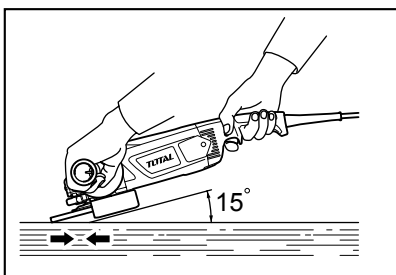
⚠️CAUTION:

- Never switch on the tool when it is in contact with the workpiece, it may cause an injury to operator.
- Always wear safety goggles or a face shield during operation.
- After operation, always switch off the tool and wait until the wheel has come to a complete stop before putting the tool down.

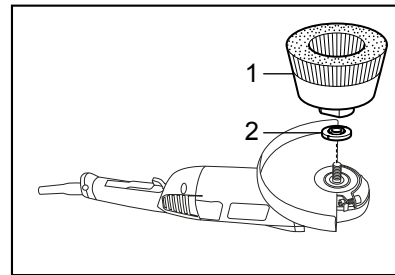
Grinding and sanding operation

ALWAYS hold the tool firmly with one hand on rear handle and the other on the side handle. Turn the tool on and then apply the wheel or disc to the workpiece.

In general, keep the edge of the wheel or disc at an angle of about 15 degrees to the workpiece surface.



Operation with wire cup brush (optional accessory)



1. Wire cup brush
2. Urethane washer

⚠️CAUTION:

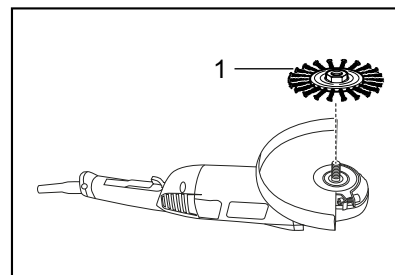
- Check operation of brush by running tool with no load, insuring that no one is in front of or in line with brush.
- Do not use brush that is damaged, or which is out of balance. Use of damaged brush could increase potential for injury from contact with broken brush wires.

Unplug tool and place it upside down allowing easy access to spindle. Remove any accessories on spindle. Mount urethane washer then thread wire cup brush onto spindle and tighten with supplied wrench. When using brush, avoid applying too much pressure which causes over bending of wires, leading to premature breakage.

NOTE:

- When using wire cup brush, mount urethane washer to the spindle. It will make it easier to remove wire cup brush.

Operation with wire wheel brush (optional accessory)



1. Wire wheel brush

⚠️CAUTION:

- Check operation of wire wheel brush by running tool with no load, insuring that no one is in front of or in line with the wire wheel brush.
- Do not use wire wheel brush that is damaged, or which is out of balance. Use of damaged wire wheel brush could increase potential for injury from contact with broken wires.
- ALWAYS use guard with wire wheel brushes, assuring diameter of wheel fits inside guard. Wheel

can shatter during use and guard helps to reduce chances of personal injury.

Unplug tool and place it upside down allowing easy access to spindle. Remove any accessories on spindle. Thread wire wheel brush onto spindle and tighten with the wrenches.

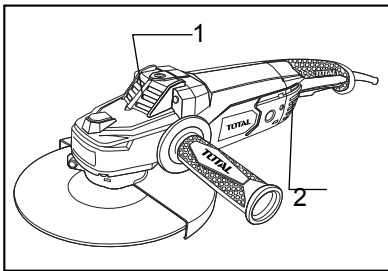
When using wire wheel brush, avoid applying too much pressure which causes over bending of wires, leading to premature breakage.

MAINTENANCE

⚠ CAUTION:

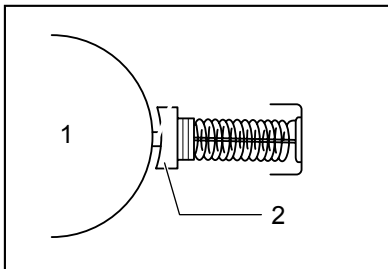
- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
- Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

The tool and its air vents have to be kept clean. Regularly clean the tool's air vents or whenever the vents start to become obstructed.



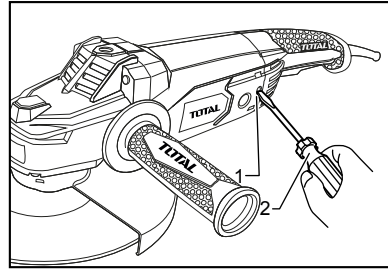
1. Exhaust vent
2. Inhalation vent

Replacing carbon brushes



1. Commutator
2. Carbon brush

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



1. Brush holder cap
2. Screwdriver

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by TOTAL Authorized or Factory Service Centers, always using TOTAL replacement parts.

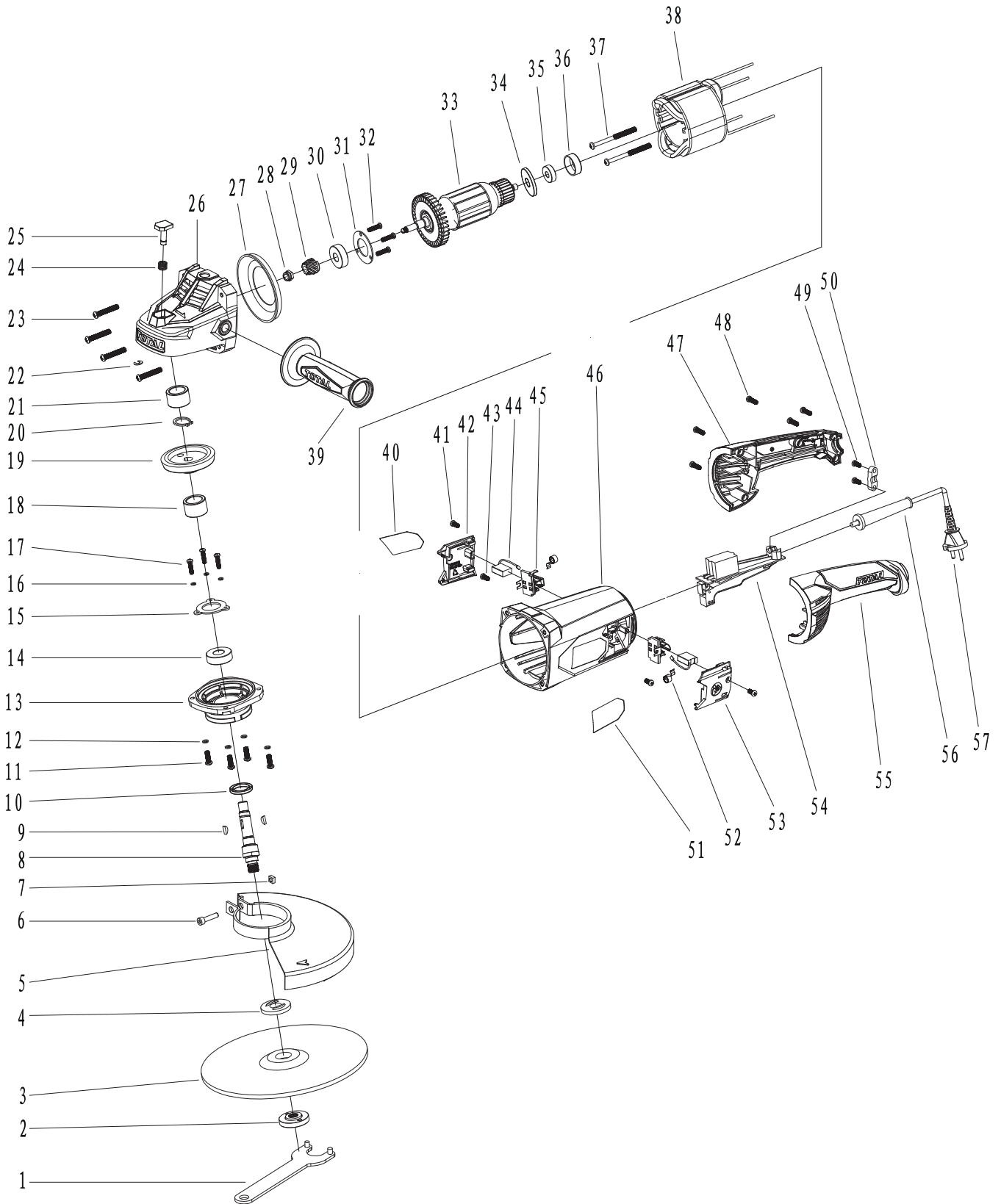
ACCESSORIES

⚠ CAUTION:

- These accessories or attachments are recommended for use with your TOTAL tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.
- Your tool is supplied with a guard for use with a depressed center grinding wheel, multi-disc, flex wheel and wire wheel brush. If you decide to use your TOTAL grinder with approved accessories which you purchase from your TOTAL distributor or factory service center, be sure to obtain and use all necessary fasteners and guards as recommended in this manual. Your failure to do so could result in personal injury to you and others.

If you need any assistance for more details regarding these accessories, ask your local TOTAL Service Center.

TG1241806,UTG1241806,TG1241806-4
TG1241806-6,TG1241806-8,TG1241806S Exploding view



**TG1241806,UTG1241806,TG1241806-4
TG1241806-6,TG1241806-8,TG1241806S Spare part list**

| No. | Part Description | Qty | No. | Part Description | Qty |
|-----|------------------------|-----|-----|------------------------|-----|
| 1 | Special Spanner | 1 | 30 | 6201 Bearing | 1 |
| 2 | Pressure Plate | 1 | 31 | Press Plate of Bearing | 1 |
| 3 | Grinding Wheel | 1 | 32 | Screw M5×10 | 3 |
| 4 | Pressure Plate | 1 | 33 | Rotor | 1 |
| 5 | Guard | 1 | 34 | Dustproof Cover | 1 |
| 6 | Screw M8×30 | 1 | 35 | 629 Bearing | 1 |
| 7 | Nut M8 | 1 | 36 | Bearing Sheath | 1 |
| 8 | Main Spindle | 1 | 37 | Cross Screw ST5×75 | 2 |
| 9 | Woodruff Key 4×13 | 2 | 38 | Stator | 1 |
| 10 | Dustproof Cover | 1 | 39 | Side Handle | 1 |
| 11 | Screw M5×16 | 4 | 40 | Nameplate | 1 |
| 12 | Spring Washer 5 | 4 | 41 | Cross Screw ST4×12 | 2 |
| 13 | Bearing Block | 1 | 42 | Right Brush Cover | 1 |
| 14 | 6202 Bearing | 1 | 43 | Cross Screw ST4×12 | 2 |
| 15 | Press Plate of Bearing | 1 | 44 | Carbon Brush | 2 |
| 16 | Spring Washer 4 | 3 | 45 | Brush Holder | 2 |
| 17 | Screw M4×10 | 3 | 46 | Housing | 1 |
| 18 | Steel Pipe | 1 | 47 | Right Brush Cover | 1 |
| 19 | Large Bevel Gear | 1 | 48 | Cross Screw ST4×18 | 5 |
| 20 | Check Ring 14 | 1 | 49 | Cross Screw ST4×16 | 2 |
| 21 | Bearing 12×18×12 | 1 | 50 | Cable Clip | 1 |
| 22 | Check Ring 6 | 1 | 51 | Brand | 1 |
| 23 | Screw ST4.8×30 | 4 | 52 | Spring | 2 |
| 24 | Spring | 1 | 53 | Left Brush Cover | 1 |
| 25 | Lock Pin | 1 | 54 | Switch | 1 |
| 26 | Reduction Gear Box | 1 | 55 | Left Handle | 1 |
| 27 | Wind Screen | 1 | 56 | Cable Potector | 1 |
| 28 | Nut M8 | 1 | 57 | Power cord | 1 |
| 29 | Small Bevel Gear | 1 | | | |