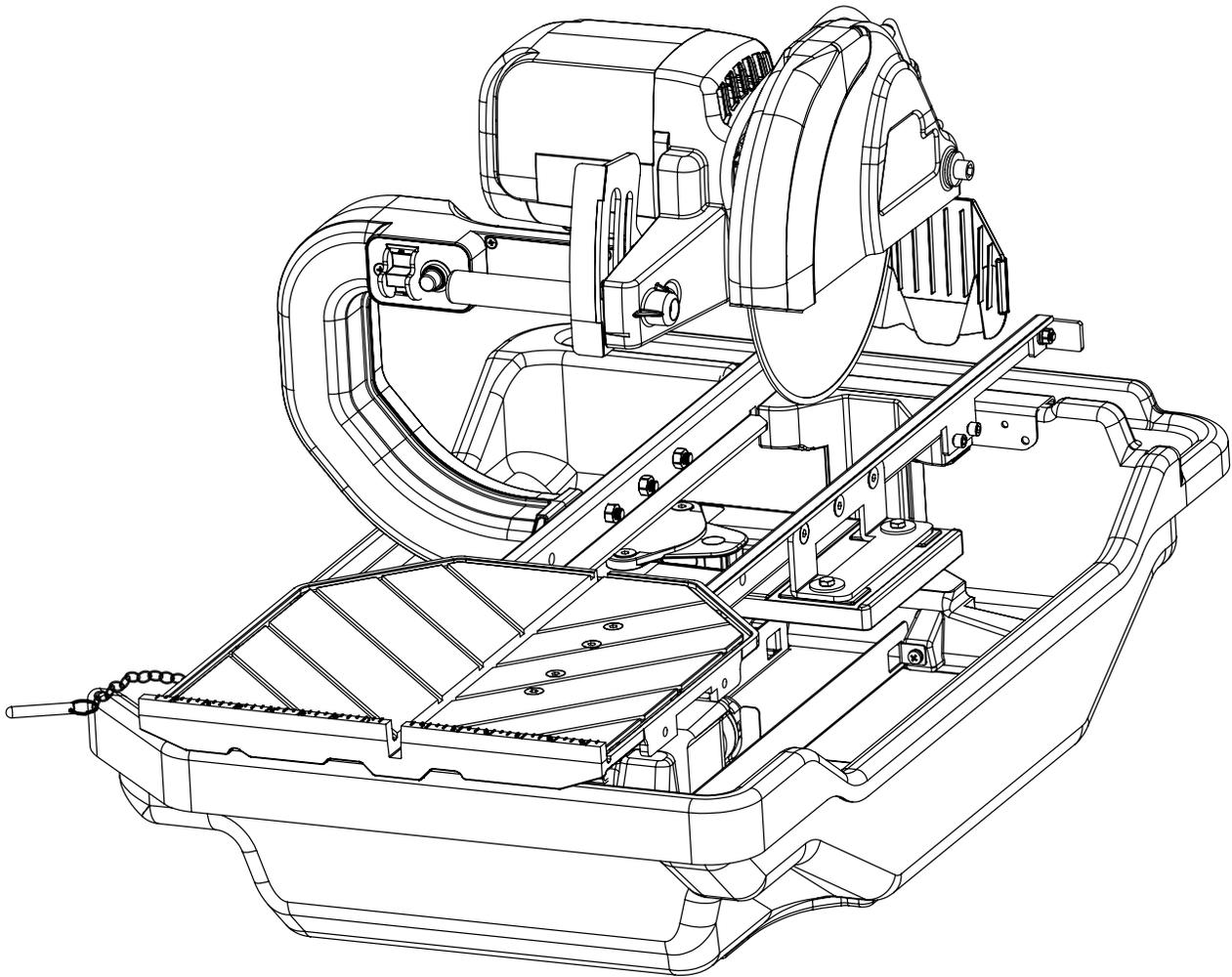




DIAMOND VANTAGE® **TS400 TILE SAW** OWNER'S MANUAL



Revision 20001	03.2020
Manual Part#: 983020075201	

CAUTION: Read all safety and operating instructions before using this equipment.
This operator's manual must accompany the equipment at all times.



DIAMOND VANTAGE® TS400 TILE SAW OWNER'S MANUAL

www.diamondvantage.com

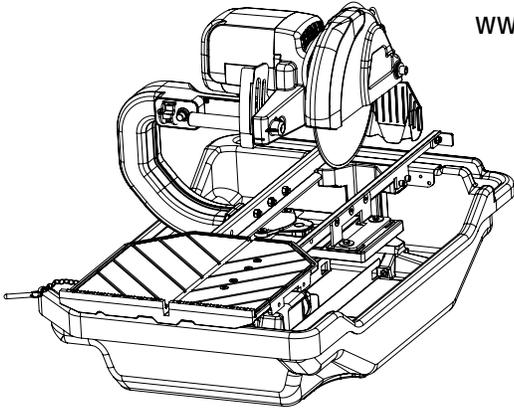


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I. GENERAL SAFETY RULES FOR ALL POWER TOOLS



WARNING!

READ AND FOLLOW ALL SAFETY, OPERATING AND MAINTENANCE INSTRUCTIONS BEFORE USING THE TOOL. Failure to read and follow these instructions could result in injury or death to you or others as well as damage to the tool and/or reduced equipment life. Safety warnings and guidelines do not by themselves eliminate danger. They are not substitutes for proper accident prevention procedures and good judgment. It is the operator's responsibility to use this machine under safe working conditions and conform with federal, state and local codes or regulations pertaining to safety, air, pollution, noise etc.



1. **KNOW YOUR POWER TOOL.** Read the operator's manual carefully. Learn the saw's applications and limitations as well as the specific potential hazards related to this tool.



2. **KEEP GUARDS IN PLACE** and in good working order.



3. **GROUND ALL TOOLS.** If tool is equipped with three-prong plug, it should be plugged into a three-hole electrical receptacle. If an adapter is used to accommodate a two-prong receptacle, the adapter lug must be attached to a known ground. Never remove the third prong. Check with a qualified electrician or service personnel if the grounding instructions are not completely understood or if in doubt as to whether the tool is properly grounded.



4. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.



6. **DO NOT OPERATE EQUIPMENT IN DANGEROUS OR HAZARDOUS ENVIRONMENTS.** Do not use power tools in damp or wet locations or expose to rain. Keep the work area well lit. Do not use tool in the presence of flammable liquids or gases.



7. **KEEP CHILDREN AWAY.** All visitors and children should be kept at a safe distance from the work area. Maintain a safe operating distance to other personnel.

8. **MAKE SURE WORKSHOP IS CHILDPROOF** with padlocks, master switches, or by removing starter keys.



9. **KNOW HOW TO STOP THE EQUIPMENT QUICKLY IN CASE OF EMERGENCY.**



10. **ROTATING PARTS.** Keep hands, feet, hair, and clothing away from all moving parts to prevent injury. Never operate when the motor covers, shrouds, and/or guards are removed.



11. **HOT PARTS.** Engine components can become extremely hot from operation. To prevent severe burns, do not touch these areas while the engine is running, or immediately after it is turned off. Never operate the engine with heat shields removed.

12. **DO NOT FORCE A TOOL OR AN ATTACHMENT** to do a job that it was not designed to do. NEVER tamper with the governor components or settings to increase the maximum speed. Severe personal injury and damage to the engine or equipment can result if operated at speeds above maximum.

13. **SECURE WORK.** Always place a work piece flat on table assembly and securely against fence. Using a clamp or a vise to hold work piece would be helpful.



14. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties or jewelry that may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.



15. **PERSONAL PROTECTIVE EQUIPMENT.** Always wear approved respiratory, head, ear and eye protection when operating this machine. Always use safety glasses. Wear safety glasses with side shields (must comply with ANSI Z87.1) at all times. Everyday eyeglasses only have impact resistant lenses; they are NOT safety glasses. Use face or dust mask if cutting operation is dusty, and ear protectors (plugs or muffs) during extended periods of operation.



16. **DON'T OVERREACH.** Keep proper footing and balance at all times.
17. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance.
18. **DISCONNECT TOOL.** When not in use, before servicing, or when changing attachments—wheels, bits, cutters, etc—all tools should be disconnected.
19. **AVOID ACCIDENTAL STARTING.** Be sure switch is off when plugging in.
20. **USE RECOMMENDED ACCESSORIES.** Consult the operator's manual for recommended accessories. The use of improper accessories may risk injury.



21. **NEVER STAND ON TOOL.** Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
22. **CHECK THE TOOL FOR DAMAGED PARTS BEFORE A FURTHER USE.** Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged must be properly repaired or replaced by an authorized service center to avoid risk of personal injury. Always check the machine for loose bolts before starting.
23. **NEVER LEAVE TOOL RUNNING UNATTENDED.** After machine is switched "off", do not leave tool until it comes to a complete stop.
24. **USE THE CORRECT EXTENSION CORDS.** 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. Extension cord tables (refer to page 13) show 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 numbers the heavier the cord.
25. **DO NOT ABUSE CORD.** Never yank cord to disconnect from electrical outlet. Keep cord away from heat, oil, and sharp edges.



26. **ELECTRICAL SHOCK.** Never touch electrical wires or components while the engine is running. Exposed, frayed or worn electrical wires and plugs can be sources of electrical shock which could cause severe injury or burns. Do not touch the plug with wet hands. Prevent contact with grounded surfaces, for example pipes, radiators, ranges and refrigerator enclosures.
27. **WHEN TOOL IS USED OUTDOORS,** only use extension cords intended for outdoor usage.
28. **NEVER** operate this equipment when not feeling well due to fatigue, illness or taking medicine.
29. **NEVER** operate this equipment under the influence of drugs, alcohol or any medication.
30. **ALWAYS** make sure that the machine is on level ground before using
31. **ALWAYS** store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.



WARNING!

Sawing and drilling generates dust. Excessive airborne particles may cause irritation to eyes, skin and respiratory tract. To avoid breathing impairment always employ dust controls and protection suitable to the material being saw or drilled in accordance with OSHA (29 CFR Part 1910.1). Diamond blades improperly used are dangerous. Comply with ANSI Safety Code B7.1 and OSHA covering speed, safety guards, flanges, mounting procedures, general operating rules, handling, storage and general machine condition.



CALIFORNIA PROPOSITION 65 WARNING!

This product can expose you to chemicals including lead from lead-based paints, crystalline silica from bricks, cement and other masonry products, and arsenic & chromium from chemically treated lumber, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

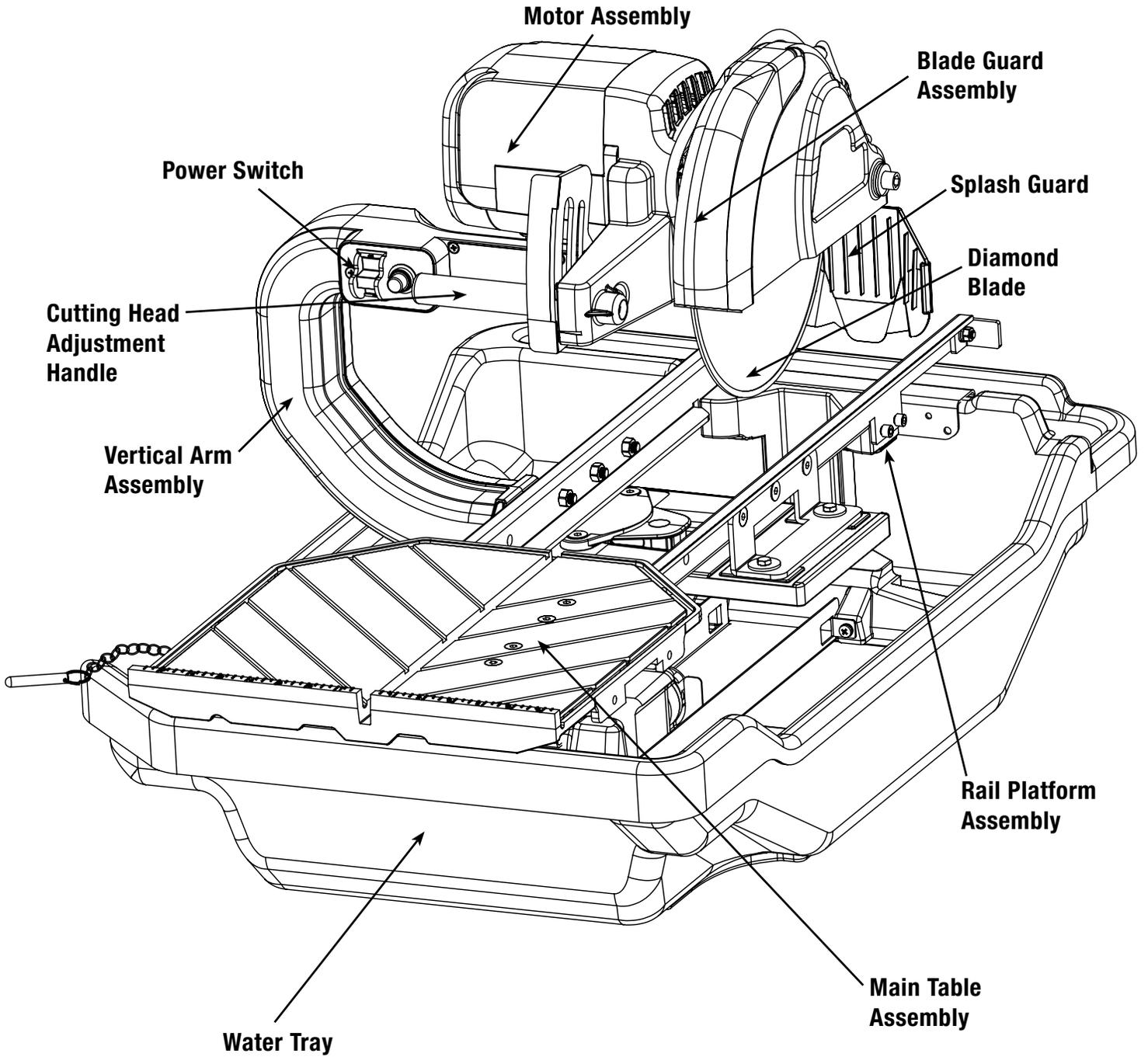
II. TS400: SYMBOLS



III. TS400: TECHNICAL SPECIFICATIONS

TS400				
MOTOR	DIRECTION OF SHAFT ROTATION	MAX. BLADE CAPACITY	WEIGHT	DIMENSIONS
2HP 115V~120V, 60Hz, Single phase	Counter-Clockwise	10" Blade 5/8" Arbor	68.5 lbs	Width: 24-1/64" Length: 37-51/64"

IV. TS400: GETTING TO KNOW YOUR SAW

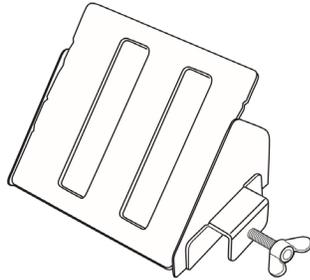


V. TS400: ACCESSORIES/PARTS

The following are parts included in the package.

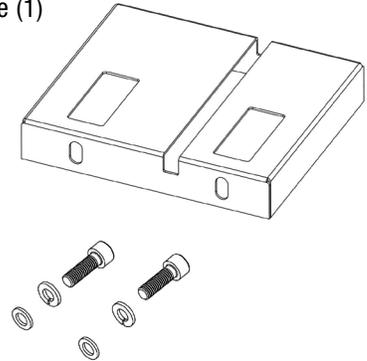
NAME (Qty.)
Miter Block (1)

Part Number
000101802-AG



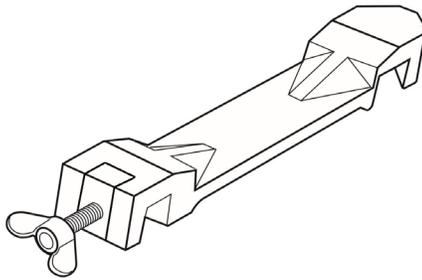
NAME (Qty.)
Side Extension Table (1)

Part Number
475010803I-AG



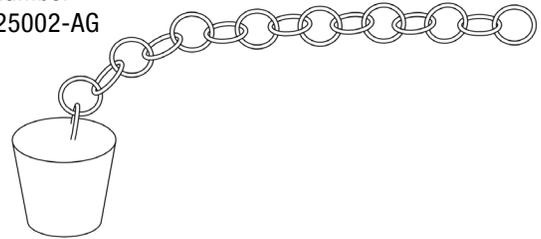
NAME (Qty.)
45°/90° Edge Guide (1)

Part Number
000101702-AG



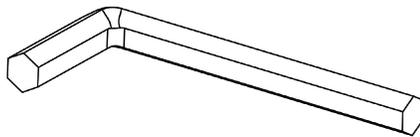
NAME (Qty.)
Drain Plug (1)

Part Number
488125002-AG



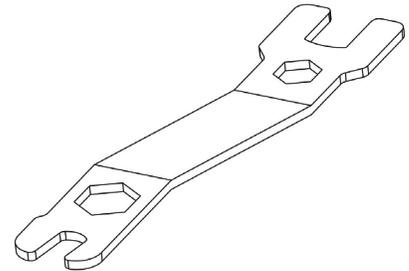
NAME (Qty.)
Allen Wrench (1)

Part Number
000101414



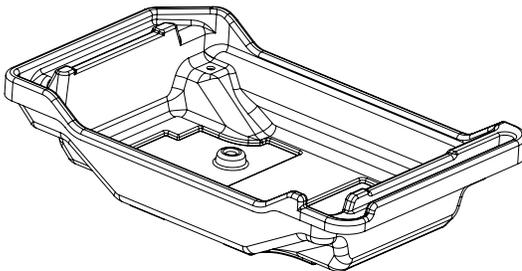
NAME (Qty.)
Wrench (2)

Part Number
000101423K



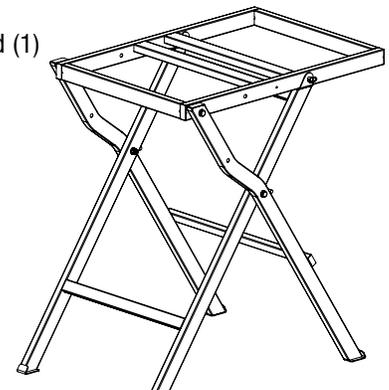
NAME (Qty.)
ABS Water Tray (1)

Part Number
480190203



NAME (Qty.)
Universal Saw Stand (1)

Part Number
563101000A-AG



VI. TS400: BLADE INSTALLATION

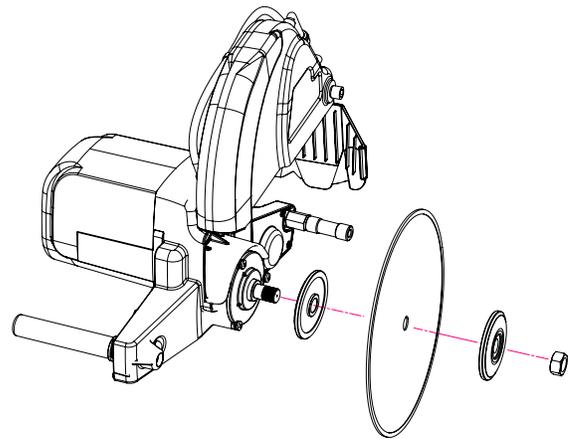
1. Unplug the tile saw before installing a blade.
2. Carefully raise the cutting head to its highest position and secure it into place by tightening the cutting head adjustment knob located to the right of the power switch at the front of the saw. Use the provided Allen wrench when tightening the cutting head adjustment knob.
3. Raise the blade guard to the highest position and tighten the blade guard adjustment knob.
4. Remove the blade shaft nut and outer flange.
5. Place the blade onto the shaft making sure the directional arrow on the blade is pointing counter-clockwise.
6. After making sure that the blade is firmly placed against the inner flange, secure it into place with the outer flange and blade shaft nut. Make certain the nut is firmly tightened with the wrench provided, but ***do not over tighten!***
7. Lower the blade guard and tighten the adjustment knob with the provided Allen wrench.
8. Slightly loosen the cutting head adjustment knob and lower the cutting head to its lowest position, and then tighten the adjustment knob firmly to hold the cutting head in place.
9. If blade needs to be removed, please use two wrenches provided and follow the next steps:
 - a. Make sure to disconnect the saw from electrical outlet.
 - b. Gently raise the blade guard to the highest point.
 - c. Hold the saw shaft with one wrench
 - d. Hold the shaft nut with other wrench
 - e. Hold the wrench on the shaft and gently untighten the nut using other wrench.
 - f. Remove the nut and outer flange and blade.
If nut is overtightened, DO NOT FORCE TO UNTIGHTEN. Use a mallet to gently tap the top of the wrench holding the nut to untighten.



WARNING!

Place the blade to cut completely through the material. Failing to do so may allow the saw to grab the material being cut and cause it to shoot out leading to severe injuries.

Figure 1



Please use two wrenches when you remove the blade.

VII. TS400: SAFE OPERATING PRACTICES FOR TILE SAW

WARNING!

For your own safety and the safety of others, do not attempt to operate this saw until you have read and understood the general safety rules for all power tools and the following additional safety precautions particular to this saw.

WARNING!

Do not perform any operation freehand, that is without holding the tile in place against the fence and guide.

WARNING!

Never reach in back of cutting wheel.

WARNING!

Never cross arms in front of cutting wheel.

WARNING!

Keep hand out of path of cutting wheel.

1. Always wear approved hearing, eye, head and respirator safety protection.



2. Read and understand the symbol definitions contained in this manual.
3. Read and understand all warnings and instructions on the machine.
4. Read all safety materials and instructions that accompany any blade or accessory used with this machine.



WARNING!

The dust generated by cutting of tile, marble, stone, bricks etc. can be harmful to your health. Always operate machinery in well ventilated areas and provide proper dust removal. Always wear a dust mask approved for respiratory protection against these types of dusts and mists.

5. Establish a training program for all operations of this machine.

6. Always provide a copy of this manual to equipment user.



7. Always select a diamond blade according to the manufacturer's recommendation suitable for the material to be cut. Never use a blade having a maximum operating speed lower than the "No load R.P.M." marked on the tool nameplate. Do not operate any saw without safety guards in place or with a blade diameter larger than the maximum saw blade capacity.

8. Before mounting a blade on the saw, clean and inspect the arbor shaft, blade flanges and the diamond blade for uneven wear or damage. **Do not operate the tool** if it appears to be damaged. Have it serviced by a qualified technician.



9. Before each use of the saw, inspect the diamond blade for hairline fatigue cracks. If such a crack or flaw is evident, discard the blade. **Using a damaged diamond blade may cause injury to the operator or others.**

10. Be sure that the blade arbor hole matches the blade adapter flange supplied with the saw. Use only blade adapter flanges that came on your saw. Never use damaged or worn blade adapter flanges.

11. Install the blade with the arrow pointing in the same direction as the rotation of the arbor shaft or the arrow on the blade guard. Be sure to tighten the blade shaft arbor nut with the wrench provided but **be careful not to over tighten.**

VII. TS400: SAFE OPERATING PRACTICES FOR TILE SAW



WARNING!

Not dressing the blade frequently or setting the blade too high will cause it to grab the tile, possibly causing injury to the operator and damage to the saw.

IMPORTANT - *If there is any tendency for the saw to move during certain operations, such as when cutting large heavy tiles, the saw must be securely fastened to a supporting table.*

12. Check that the blade tracks near the center of the channel in the main table, and that the table moves freely from the front to back.
13. Sometimes the material being cut is not abrasive enough to expose new diamonds on the blade. If the blade is not sharpened, it will rub against the surface of the material resulting in heat-build in the core. To prevent this, it is necessary to dress the blade. To dress the blade, simply cut something abrasive like a piece of a cement block. Indications that the blade needs dressing include:
 - The diamonds in the matrix appear shiny because those are worn flat.
 - The blade stops cutting or noticeably slows down.
14. Before using the saw, fill the water tub with clean water enough to submerge the water pump. Replenish as necessary and clean the water tub frequently. Do not operate a wet cutting blade without adequate water flow to both sides of the blade. Never run pump dry.



15. Never cut or grind with the side of the blade, only cut in a straight line.
 - Keep all parts of your body away from the blade and all other moving parts.
 - Never touch or try to stop a moving blade with your hand.
16. Always unplug the water pump before cutting dry. **Never run the pump dry.**
 - Do not use a wet cutting blade for dry cutting. Select the proper wet or dry cutting blade for your application.
 - To avoid a blade from heating up, allow the blade to cool down by removing the tile and to run freely for a few minutes.

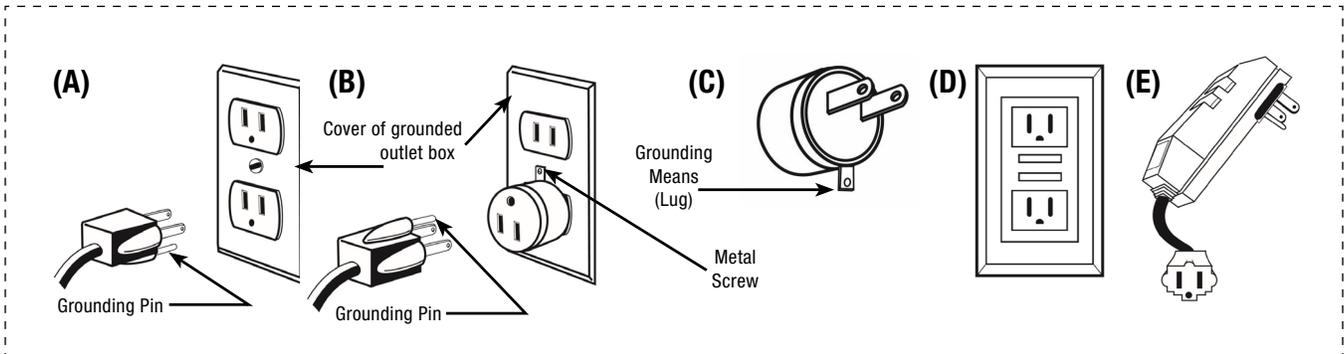
17. Make sure all adjusting knobs are tight and engaged in their detents and that movable parts not intended to move during operation are securely locked before making a cut. **Be careful not to over tighten.**
18. Before connecting the machine to a power source, check to see that the “On/Off” switch is in the “off” position.
 - Make sure the blade is not in contact with anything before connecting the saw to a power source and starting the motor.
 - Know how to stop the machine quickly in case of an emergency.



19. GROUNDING INSTRUCTIONS

- Do not modify the plug provided. If it does not fit the outlet, have a proper outlet installed by a qualified electrician.
- In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.
 - Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.
 - Improper connection of the equipment grounding conductor can result in a risk of electric shock.
 - Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.
 - Use only 3 wire extension cords that have 3 prong grounding plugs and 3 pole electrical outlet that accept the tool's plug.

Figure 2: GROUNDING METHODS



Repair or replace damaged or worn cord immediately.

This tool is intended for use on a circuit with an outlet as illustrated in Figure 2. The tool's grounding plug is illustrated in Figure 2(A). A temporary adapter (Figure 2(B) and 2(C)) may be used to connect this plug to a 2 pole receptacle as shown in Figure 2(B) if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The lug extending from the adapter must be connected to permanent ground such as a properly grounded outlet box.

Additionally, water pump requires the use of a Ground Fault Circuit Interrupter. Therefore, when using the water pump receptacle, this tool must be plugged into a properly installed Ground Fault Circuit Interrupter outlet. See Figure 2(D). If a Ground Fault Circuit Interrupter outlet is not available, Diamond Vantage® has it available as an accessory item. A plug-in Ground Fault Circuit Interrupter may be plugged into a properly installed and grounded 3-pole outlet. Refer to Figure 2(E).

NOTE - Use of a Temporary Adapter is not permitted in Canada.

20. POSITION OF THE TILE SAW

- To avoid the possibility of the appliance plug or electrical outlet getting wet, position the tile saw to the side of the wall mounted outlet box to prevent water from dripping onto it or the plug. The user should arrange a "drip loop" in the cord connecting the saw to the electrical outlet. Create a "drip loop" by placing part of the cord below the level of the electrical outlet, or the connector if an extension cord is used. This will prevent water from traveling along the cord and coming in contact with the electrical outlet.
- **Do not unplug the cord if the electrical outlet gets wet.** Disconnect the fuse or circuit breaker that supplies power to the tool. Then unplug and examine for presence of water in the electrical outlet.



To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.

VIII. TS400: SAFE OPERATING PRACTICES FOR TILE SAW



21. EXTENSION CORDS

- Only use extension cords that are intended for outdoor use and marked “Acceptable for use with outdoor appliances; store indoors while not in use.” Only use extension cords with the electric rating of the machine or above. Do not use damaged or repaired extension cords. Examine extension cords before using and replace if damaged. Do not abuse extension cords and do not yank on any cord to disconnect. Keep cords away from heat and sharp edges. Always disconnect the extension cord from the electrical outlet before disconnecting the product from the extension cord.
- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the tile saw. Electrical outlet with built-in GFCI protection may be used for this measure of safety.

IX. TS400: USING THE CUTTING TABLE

FEATURES:

- Cutting table marked in inches for precision cuts.
- 14” cutting table provides more support during larger cutting jobs than the standard 11” cutting tables.

USING 90° EDGE GUIDE:

1. Set the edge guide positioning it on the desired dimension and tighten the threaded knob. Make sure that the edge guide is firmly tightened to avoid slippage. The edge guide can be used for 90° edge cuts from both the left and right side.
2. 14” cutting table provides more support during larger cutting jobs than the standard 11” cutting tables.
3. Simply line-up the material being cut with the appropriate pre-marked lines on the cutting table surface.
4. Now you are ready to make your cut.

MAKING MITER CUTS:

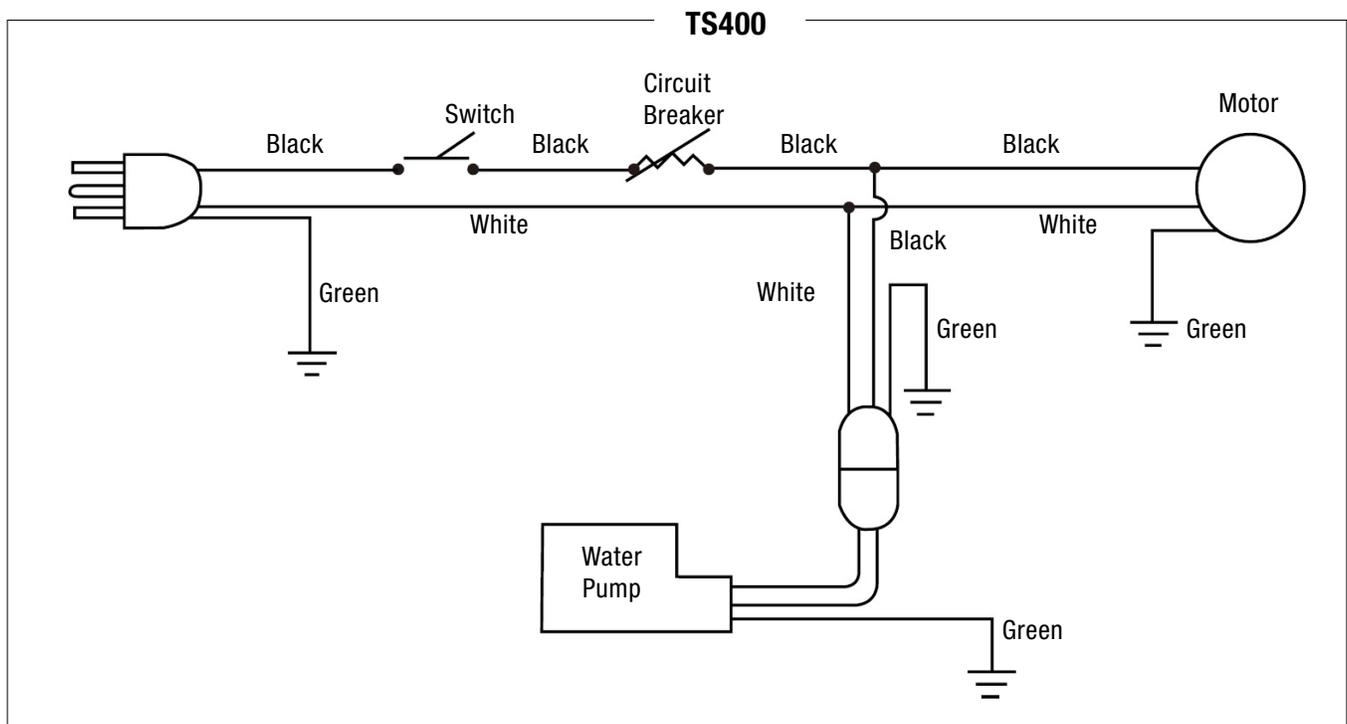
1. For miter cuts, place the lip of the miter block on the measurement rail, with the threaded knobs facing you.
2. Tighten the threaded knobs to secure the provided miter block in place.
3. Place material onto miter block and you are ready to cut.

X. TS400: ELECTRICAL MOTOR SPECIFICATION

	TS400
Horse Power	2 HP
Voltage	115V~120V
Amps	15 amps
Cycle	60 Hz
Phase	1
Class	F
No Load Blade Shaft	3300 rpm

RECOMMENDATIONS:

- It is recommended that a minimum 15 amp circuit be used while operating this saw. This will prevent possible power interruption or loss.
- Always plug saw as close as possible to the power source while operating. This will allow you to receive optimum electricity.



WARNING!

To avoid permanent motor damage, always use the correct extension cord.

	LENGTH OF CORD
Wire Gauge	2 HP 115V~120V
No. 12	25'
No. 10	50'
No. 8	75'

XI. TS400: TROUBLESHOOTING



WARNING!

For your safety and the safety of others, turn the power switch off and always remove the plug from the power source before troubleshooting. Repairs performed by unauthorized personnel could cause serious hazard. We recommend that service to this tool be performed by a qualified service technician with original equipment replacement parts.

EXCESSIVE NOISE. If excessive noise is emanating from the gearbox, have the tool serviced.

BLADE WILL NOT CUT. Check for worn out diamond edge. Be sure that the arrow on the blade is rotating in the same direction as the motor arbor and/or the arrow on the blade guard. Make sure the blade is suitable for the material to be cut. The blade might have become dull if it has been used to cut a hard material. Dress the blade by cutting a lightweight abrasive block to expose fresh diamonds.

MOTOR WILL NOT START. Check power supply. If the water pump turns on when the power switch is in the “on” position, but the motor does not, have the motor serviced.

MOTOR WILL NOT STOP. The contacts in the switch may have become arched together in the “on” position – have the tool serviced.

MOTOR SHUTS OFF DURING OPERATION. Check to see that the circuit you are using is not overloaded with lights or other equipment. The fuse or circuit breaker may not have sufficient capacity – use 20-amp power. If you are using an extension cord, check the extension cord table to make sure it is heavy enough to carry the current this product will draw. See Page 13 for electric cord reference.

EXCESSIVE VIBRATION. Check to see that the blade is mounted properly according to safe operating practices section. Try a different blade as the blade might be out of balance. The arbor shaft bearings might be worn and, in that case, have the tool serviced.

NOT CUTTING SQUARE. Check the main table and carriage adjustment as well as the blade alignment procedure.

MAIN TABLE DOES NOT MOVE FREELY. Inspect the guide rails and rollers for build up of tile chips or dry slurry deposits. Clean and check guide roll or adjustments.

NO WATER FLOW TO BLADE. Check the water feed tube for kinks or obstructions. Check the inlet screen to ensure it is not clogged. Remove the pump inlet and turn the impeller to ensure it is not damaged or jammed. Clean the impeller if necessary and apply a drop of light oil to the shaft - be sure the impeller spins freely.

POOR MACHINE PERFORMANCE WITH LITTLE POWER. Check cord/extension cable for appropriate length and gage. Check power network for sufficient power and circuit breaker capacity.

CENTER HOLE IN BLADE OVERSIZE OR WORN. Saw blade has slipped on shaft while running. Check shaft for damage and replace blade.

XII. TS400: CUTTING DEPTH

The recommended cutting depth is 1/4" below the cutting table surface. To adjust the cutting depth, loosen the cutting head adjustment handle and set it to the lowest position, so that the blade is 1/4" below the top of the table surface.

BLADE DIAMETER	MAX. CUTTING DEPTH
10 inch	2-1/4 inch



WARNING!

Place the blade to cut completely through the material. Failing to set up as instructed may result in the saw to grab and shoot out the tile, causing severe injuries.

XII. WARRANTY

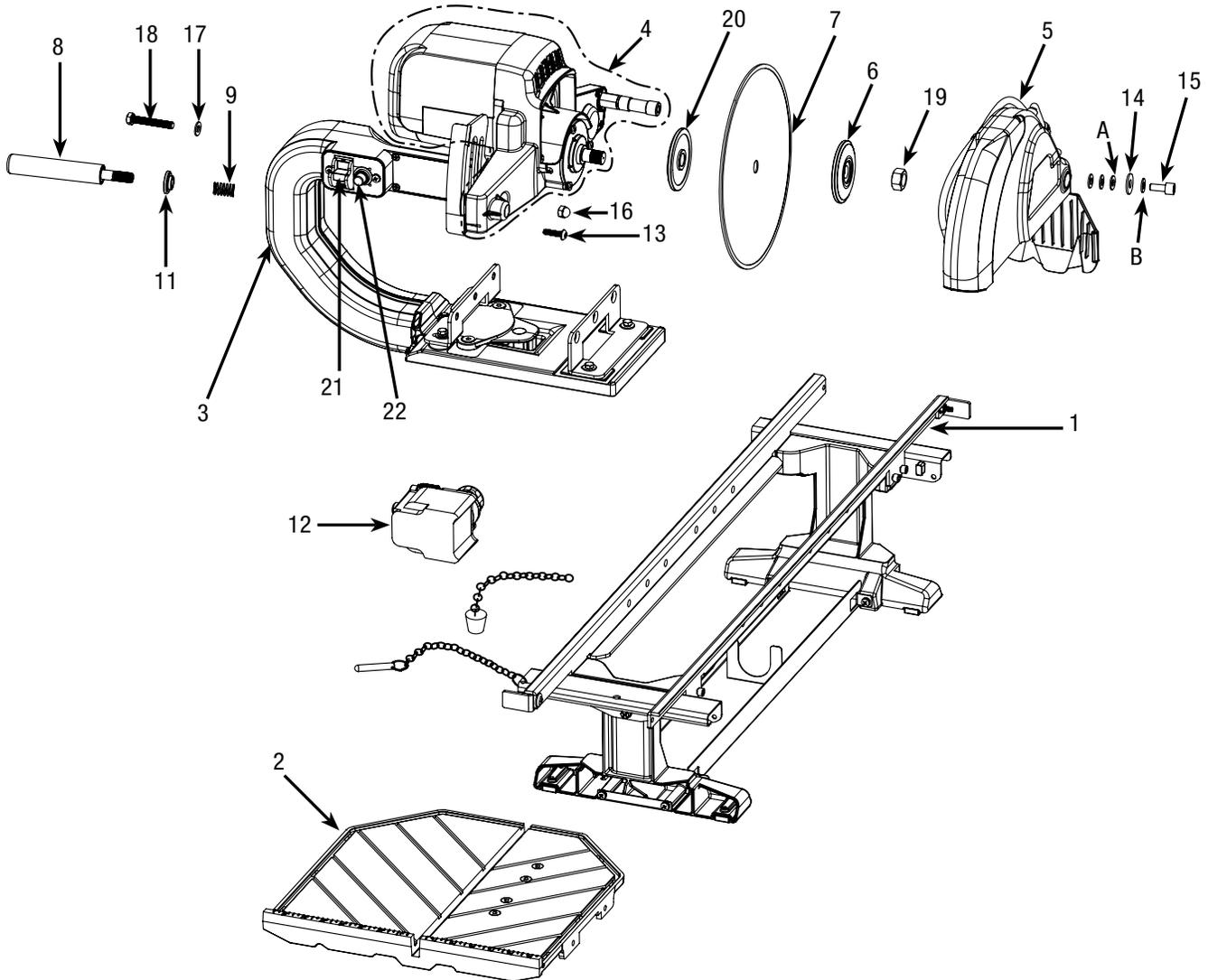
Diamond Vantage® warranties this product to be free from defects in material or workmanship for a period of either 6-month or 1-year following the date of purchase. As long as the product has been used under normal working conditions, Diamond Vantage® will provide replacement parts free of charge if motor, water pump or power switch fails within the first 6 months or any mechanical part, which does not require electrical current to operate, fails within the first year. This warranty does not cover costs for labor or transportation in connection with the replacement or repair of defective parts. Likewise, it does not apply to any unit which has been subjected to misuse, neglect or accident, nor to any machine which has been repaired or altered by any person other than Diamond Vantage® authorized personnel.

SERIAL NUMBER _____

ITEM CODE	ITEM NAME
EQP-GF-0001010102	Y Connection 08f
EQP-GF-000103053	Water Pump
EQP-GF-33G108102B-AG	Cutting Head Assembly F108
EQP-GF-381086009	8.5 x 14 x 0.2t Washer
EQP-GF-382019002	Countersunk Socket Hex Bolt 1/4 X 1 1/2
EQP-GF-452202003	Power Switch
EQP-GF-465903203-AG	Roller Assembly
EQP-GF-471207003	Carbon Brush 7 X 17
EQP-GF-480190203	ABS Water Tray
EQP-GF-BEVVX200265	R0151 Brush Motor

XIII. TS400: REPLACEMENT PARTS LIST - 1

MAIN ASSEMBLY

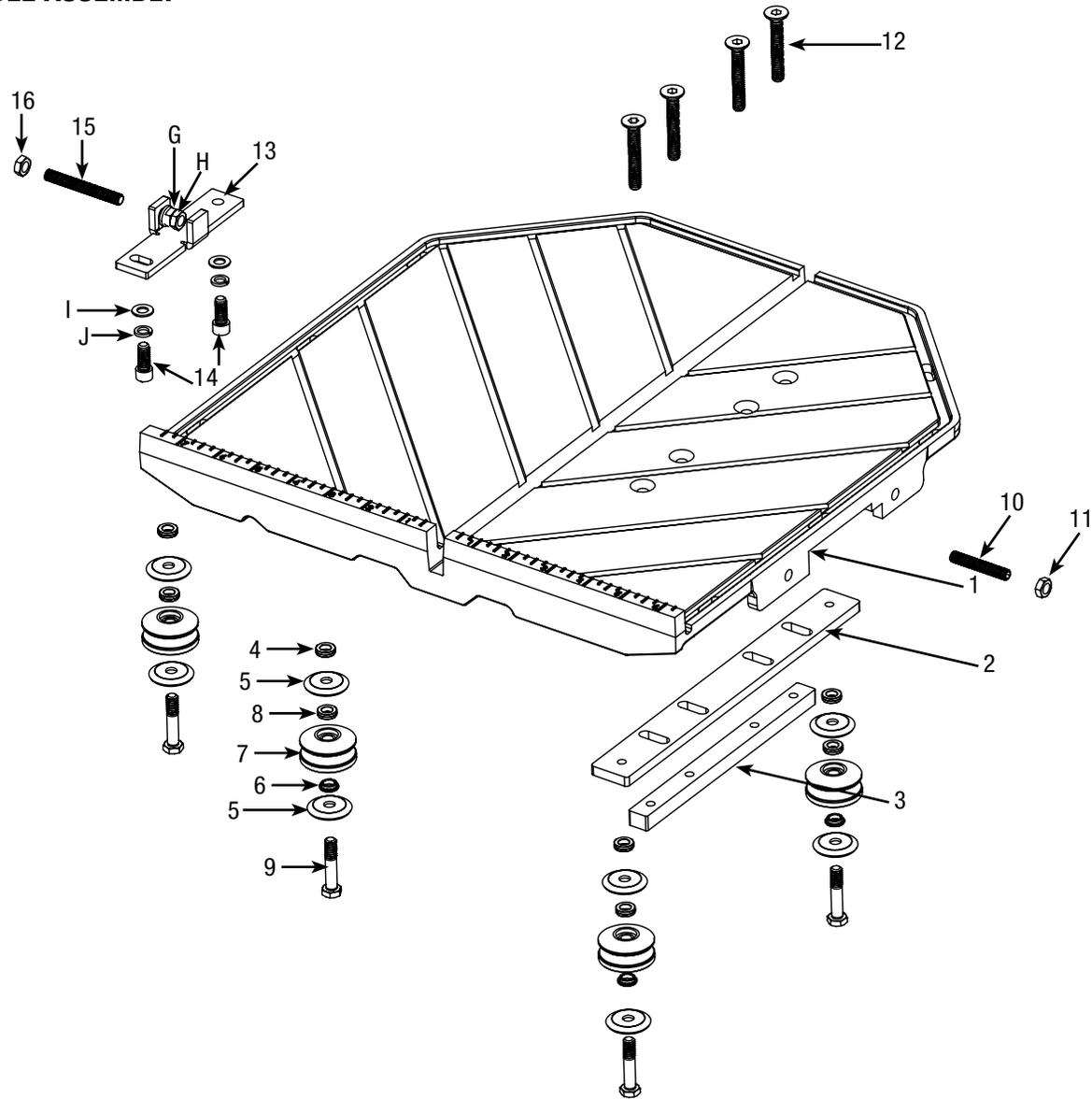


Part Name	Part No
1. Rail Platform Assembly	563210802A-AG
2. Table Assembly	675010804R-AG
3. Vertical Arm Assembly	5631108041B-AG
4. Cutting Head Assembly	33G108102B-AG
5. Blade Guard Assembly	373310802W-AG
6. Dia. 5/8" (15.88mm) Outer Flange	381166006
7. 10" x 5/8" (15.88mm) Diamond Blade	000102000
8. D30 x 120L Handle	373401801-AG
9. Spring	38112C025
11. Interlock Washer	565328008I
A. M8 x 16 x 1.5 Washer (qty.3)	3810860032
B. M8 Spring Washer	3810860012

Part Name	Part No
12. Water Pump	000103053
13. M6 x 1.0 x 30L Socket Head Hex Bolt	3810690301
14. M8 x 22 x 2 Narrow Washer	381086012
15. Male 5/16 x 1" Knob	382059003
16. M8 x 1.25 Acorn Nut	3810800001
17. M8 Narrow Washer	381086101
18. M8 x 1.25 x 35L Cross Screw	3810810351
19. 5/8"-11 Hex Nut	3820500001
20. Dia. 5/8" (15.88mm) Inner Flange	381166005
21. Power Switch	452202003

XIII. TS400: REPLACEMENT PARTS LIST - 3

TABLE ASSEMBLY

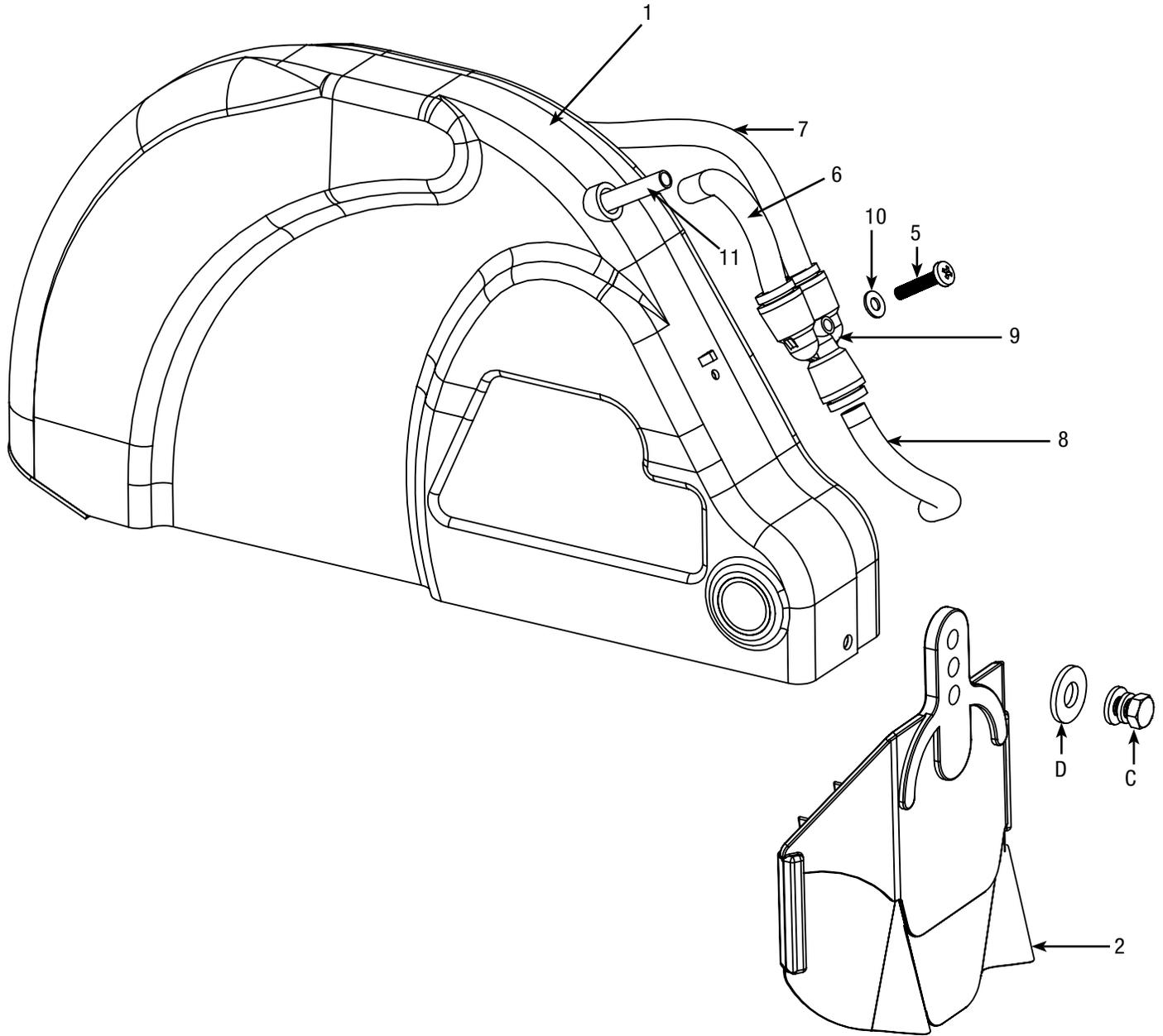


Part Name	Part No
1. Main Table	675010804F
2. Roller Mounting Plate	465722801
3. Nut Plate, Table	565716501
4. Upper Roller Spacer	565314003I
5. Water Shield	3810660061
6. Bypass Spacer	565801101I
7. Roller	465903201-AG
8. Lower Roller Spacer	565311003I
G. M6 Nylon Washer	381066101
H. 1/4 Nut	382010001

Part Name	Part No
9. 1/4" - 20 x 1-1/4"L x 3/4" Hex Bolt	382011032
10. 1/4" - 20 x 1-1/4"L Flat Head Set Screw	3820180021
11. 1/4" - 20 Nut	382010001
12. 1/4" - 20 x 1 1/2 Countersunk Socket Hex Bolt	382019002
13. Adjustment Plate	465395001
14. 1/4 x 5/8 Sus Hex Socket Head Bolt	382019001
15. 1/4 x 20 UNC x 2" Flat Head Set Screw	3820180031
16. 1/4 Nut	382010001
I. 6 x 12 x 1 Washer	3810660074
J. M6 Spring Washer	3810660102

XIII. TS400: REPLACEMENT PARTS LIST - 4

BLADE GUARD ASSEMBLY

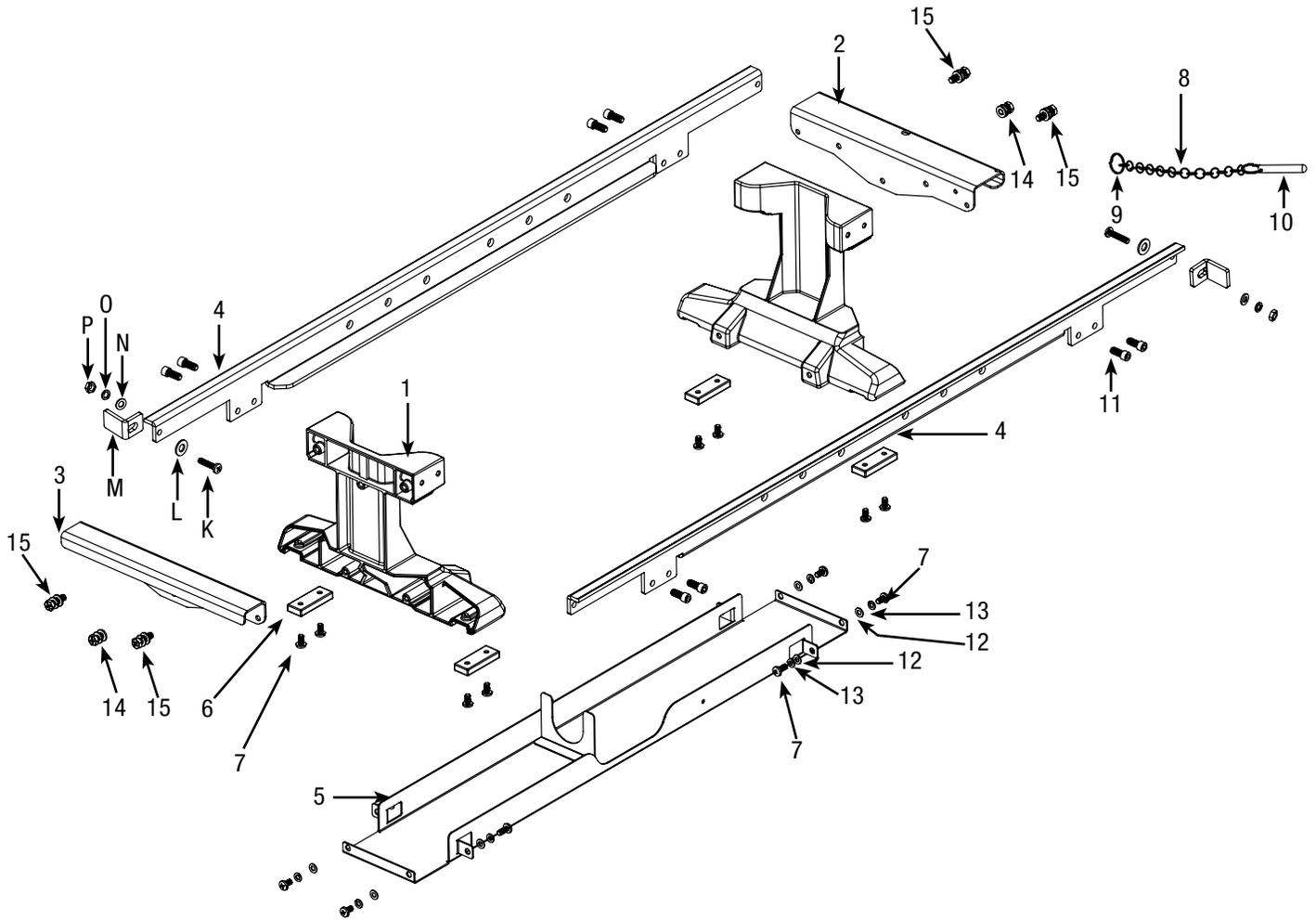


Part Name	Part No
1. 10" Blade Guard	373310802W
2. Splash Guard	483514603
C. M6 x 15L Combination Screws	3810610153
D. 8 x 23 x 2 Washer	381086006
5. M4 x 0.7 x 20L Cross Screw	3810420202
6. 12cm Pipe	000101253

Part Name	Part No
7. 120cm Pipe	000101255
8. 39cm Pipe	000101254
9. Y Connection	0001010102
10. M4 Narrow Washer	381046101
11. 1/4" Pipe	000101281

XIII. TS400: REPLACEMENT PARTS LIST - 5

RAIL PLATFORM ASSEMBLY



Part Name	Part No
1. Rail Platform	563210801A
2. Front Platform Anchor	465624401A
3. Rear Platform Anchor	465624402A
4. Rail	574910802-1K
5. Skid Plate	565667601A
6. Rubber Feet	483505001
7. M5 x 0.8 x 10L Cross Screw	3810520102
8. Chain	4971R6033
K. M5 x 20 Cross Screw	3810520201
L. 6 x 19 x 2 Washer	3810660073
M. Roller Plate	465405201K

Part Name	Part No
9. D21 Ring	38122C001I
10. D8 x 90L Quick Release Pin	38108A090K
11. 1/4\" - 20 x 5/8\"L Socket Head Hex Bolt	382019001
12. M5 Narrow Washer	381056102
13. M5 Spring Washer	3810560082
14. Combination Screw M6 x 10L	3810610103
15. Combination Screw M6 x 15L	3810610153
N. 6 x 12 x 1 Washer	3810660074
O. M5 Spring Washer	3810560082
P. M5 Nut	3810500002