

WARRANTY CARD

Manufactured by :
Planet Power Tools Pvt. Ltd.
GIDC Ind. Estate, P. O. Kabilpore,
Navsari - 396424, Gujarat.

Name of Purchaser

Address

Product..... **IMPACT DRILL**

Model No

EID 10/13

Sl. No.....

Date of Purchase

Invoice No.....

Armature No

Dealers Stamp

Signature

Planet Power®
Global Expertise. Local Care

EID 10/13
IMPACT DRILL
INDUSTRIAL

HANDLING INSTRUCTIONS



India's Leading Power Tool Brand

☐ Read, Understand Carefully & Follow These Instructions While Operating Tool.

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WARRANTY

CONGRATULATIONS; YOU ARE NOW A PROUD MEMBER OF THE PLANET POWER PARIVAR

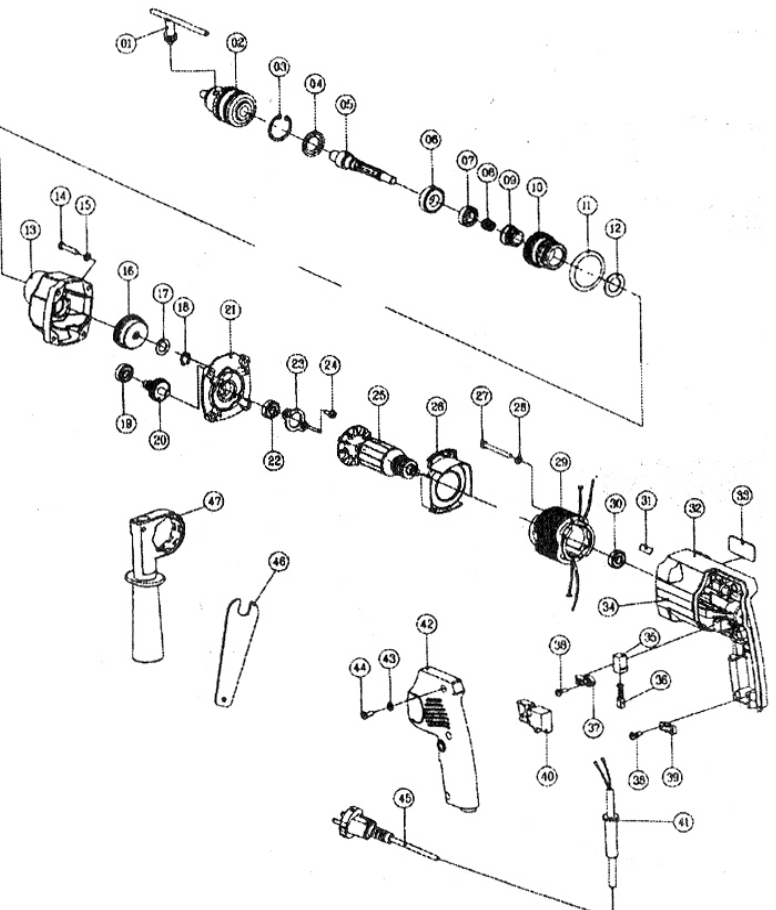
All the tools manufactured by Planet Power Tools Pvt Ltd undergo a series of rigorous inspection procedures ensuring that you only get a world class power tool.

All Products manufactured by Planet Power Tools Pvt. Ltd. are covered by an international warranty valid for six (6) months from the date of purchase. This comprehensive warranty® covers the parts as well any defects arising out of faulty manufacturing of the tool.

®The Warranty **DOES NOT** apply to:

- Components subject to normal wear and tear e.g. Carbon Brushes, Brush holders, plug and cord assembly, drill chucks, bearings, flanges etc.
- Unless expressly stated; any and all attachments supplied with the tool.
- Unauthorised repairs, alterations and modifications.
- Damage caused due to dust, slurry, and any foreign objects as well as due to improper use or an accident
- Damage due to voltage fluctuations

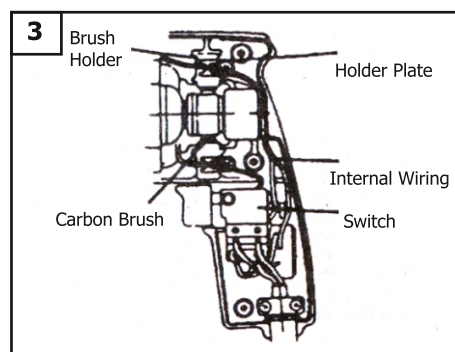
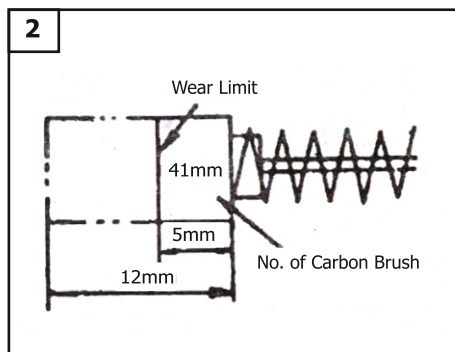
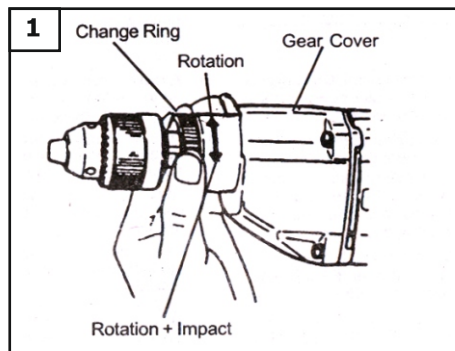
EID 10/13 Planet Power



Planet Power®

[illegible]

Sr. No	Description	Sr. No	Description
1	Chuck Key	25	Armature
2	Drill Chuck	26	Fan Guide
3	C-Type Retaining Ring	27	S. Tapping Screw D4x55
4	Dust Seal	28	Washer
5	Spindle	29	Stator
6	Ball Bearing 6002	30	Ball Bearing 608ZZ
7	Rachet (B)	31	Bearing Lock
8	Spring	32	Housing
9	Rachet (A)	33	Name Plate
10	Change Ring	34	Lable
11	O-Ring	35	Brush Holder
12	Washer	36	Carbon Brush
13	Gear Cover	37	Holder Piece
14	Tapping Screw D5x35	38	Tapping Screw D4x45
15	Spring Lock Washer	39	Cord Clip
16	Gear	40	Switch
17	Washer	41	Cord Armor
18	C-Type Retaining Ring	42	Handle Cover
19	Ball Bearing 608ZZ	43	Washer
20	II nd Pinion Assembly	44	Tapping Screw D4x20
21	Inner Cover Assembly	45	Cord
22	Ball Bearing 608ZZ	46	Wrench
23	Bearing Holder	47	Side Handle
24	Flat Head Screw		



2. Inspecting the Mounting Screw

Regularly inspect all Mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious hazard.

3. Maintenance of the Motor.

The motor unit winding is the very "heart" of the power tool, Take due care to ensure the winding does not become damaged and/or wet oil or water.

4. Inspecting the Carbon Brushes (Fig.2)

The motor employees Carbon Brushes which are consumable parts. Since a excessively when carbon brush could result in motor trouble, replace a carbon brush number shown in the figure when it becomes worn to or near the 'wear limit'. In addition, always keep a carbon brush clean and ensure that they slide freely within the brush holder.

5. Replacing the Carbon Brush :

Disassembling

1. Loosen the screws on the handle cover, and remove the handle cover. Remove the holder plate, which keeps the brush holder in place, by removing the stopper screw.
2. Lift out the brush holder together with the carbon brush, while being very careful not to forcibly pull the lead wires within the brush holder.
3. Withdraw the Brush terminal, and remove the carbon brush from the brush holder.

Reassembling

1. Place a new Carbon Brush into the brush holder, and connect the brush terminal to the Carbon Brush.
2. Return the Brush Holder and other parts to their original position, and fasten it with the stopper screw.
3. Place the lead wire in the specified position. Be very careful not to allow the lead wire to contact the armature or rotating parts of the motor.
4. Replace the handle cover while being careful to ensure it does not pinch the lead wire, and secure it firmly, with the three screws.

CAUTION

Should the lead wire be pinched by the handle cover or come in contact with the armature or rotating parts of the motor, serious danger or electric shock to the disassembling and reassembling the motor following the above procedures exactly.

Do not attempt to disassemble any parts other than those necessary to effect replacement of the carbon brush.

Note : Due to Planet Power continuing program to research and development the specifications herein are subject to change without prior notice.

24. Do not wipe plastic parts with solvent. Solvents such as gasoline, thinner, benzene, carbon tetrachloride, alcohol, ammonia and oil containing chloric annex may them with such solvent. Wipe plastic parts with a soft cloth lightly dampened with soapy water.
25. Consult an authorized Service Agent in the event of power tool failure.
26. Use only original Planet Power replacement parts.
27. The tool should only be disassembled for replacement of carbon brushes.

PRECAUTIONS ON USING IMPACT DRILL

1. Before drilling into the wall, floor or ceiling throughly confirm that no items such as electric cables are buried inside,
2. Always hold the body handle and side handle of the power tool firmly. Otherwise the counter force produced may result in inaccurate dangerous operation.

PRACTICAL HANDLING PROCEDURES

1. Pressure :

Drilling will not be accelerated by placing heavy pressure on the drill. Such action will only result in a damaged drill bit, decreased drilling efficiency, and or shortened service life of the drill.

2. Using a large diameter drill bit :

The larger the drill bit diameter, the large the reactive force your arm. Be careful not to lose control of the drill because of this reactive force. To maintain firm control, establish good foothold, hold the drill tightly with both hands, and ensure that the drill is vertical to the material being drilled.

3. When drilling completely through the material :

When the drill bit bores completely through the material, careless handling often results in a broken drill or damage to the drill body itself due to the sudden movement of the drill.

4. Switch Operation :

By pulling the trigger switch and depressing the stopper, the switch is held in the On position for continuous operation. To turn the drill OFF, pull the trigger switch again and release.

5. Precautions on Boring

The drill may become overheated during operation; however, it is sufficiently operatable. Do not cool the drill bit by water or oil.

6. Caution concerning immediately after use

Immediately after use, while it is still revolving, if the Drill is placed on a location where considerable ground chips and dust have accumulated, dust may occasionally be absorbed into the Drill mechanism. Always pay attention to this undesirable possibility.

MAINTENANCE AND INSPECTION

1. Inspecting the Drill Bit :

Continued use of a worn and/or damaged drill bit will result in reduced drilling efficiency and may seriously overload the drill motor. Inspect the drill bit often replace it with a new bit as necessary.

Technical Data

Model		EID - 10	EID - 13
Voltage (by areas)		230 V~	
Input Power		700 W	750 W
No-Load Speed		2700 rpm	1800 rpm
CAPACITY	Steel (Optimum)	6 mm	8 mm
	Concrete	10 mm	13 mm
Weight (w/o cord)		2 Kg	2.1 Kg

* Be sure to check the nameplate on products as it is subject to change by areas.

STANDARD ACCESSORIES

- (1) Chuck Wrench1
- (2) Side Handle Ass'y..... 1
- (3) Wrench1

Standard accessories subject to change without notice

OPTIONAL ACCESSORIES

- (1) Depth Stopper1

APPLICATIONS

By combined action of ROTATION and IMPACT

Boring holes in concrete, marble, granite tile and similar materials.

By ROTATION only:

Boring holes in metals, wood and plastics.

PRIOR TO OPERATION

1. Power Source

Ensure that the power source to be utilized confirms to the power requirements specified on the product nameplate.

2. Power Switch

Ensure that the power switch is in the OFF position, If the plug is connected to a power receptacle while the power switch is in the ON position, the power tool will start operating immediately, which could cause a serious accident.

3. Extension Cord

When the work area is removed from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.

4. Fitting the Drill Bit :

Fit the drill bit into the chuck and use the chuck key to secure it, tightening the chuck by each of the three holes in turn.

5. Selecting the appropriate drill bit :

When boring concrete or stone.

7. Don't force tool. It will do the job better and safer at the rate for which it was intended.
8. Use right tool. Don't force small tools or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended - for example - don't use circular saw for cutting tree limbs or logs.
9. Dress properly. Do not wear loose clothing or jewellery. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
10. Don't abuse cord. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord away from heat, oil and sharp edges.
11. Secure work. Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. Don't over reach. Keep proper footing and balance at all times.
13. Maintain tools with care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically replace if damaged. Keep handles dry, clean and free from oil and grease.
14. Disconnect tools. When not in use, before servicing and when changing accessories, such as blades, bits, cutters.
15. Remove adjusting keys and wrenches. From habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. Avoid unintentional starting. Don't carry plugged in tool with finger on switch. Be sure switch is off when plugging in.
17. Use extension cords. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. Stay alert. Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of mounting and any other conditions that may effect its operation. A guard or other part that is damaged should be properly repaired or replaced by indicated in this instruction manual. Defective switches should be replaced by authorized service centre. Do not use tool if switch does not turn it on and off.
20. Do not use power tools for applications other than those specified in the Handling Instructions.
21. To ensure the designed operational integrity of power tools do not remove installed cover or screws.
22. Do not touch movable parts or accessories, unless the power source has been disconnected.
23. Use your tool at lower input than specified on the nameplate; otherwise, the finish may be spoiled and working efficiency reduced due to motor overload.

Use the drill bits specified in the Operational Accessories.

When boring metal or plastic :

Use an ordinary metal working drill bit. Sizes range from a minimum of 0.8 mm to check maximum capacity.

When boring wood :

Use an ordinary wood working drill bit. However, when drilling 6.5mm or smaller holes, use a metal working drill bit.

6. Impact to rotation changeover : (Fig. 3)

The Impact Drill can switch from Impact (Impact plus rotation) to rotation(rotation only) by simply turning the change ring.

When boring concrete, stone, tile or similar hard materials turn the change ring fully clockwise. The drill head impacts the material while continuing to rotate.

When boring metal, wood or plastic, turn the change ring fully clockwise. The drill simply rotates as ordinary electric drill.

CAUTION

Do not use the Impact Drill in the Impact function if the material can be stored by rotation only. Such action will not only reduce drill efficiency, but may also damage the drill tip. When changing over, ensure that the change ring is turned as far as it will go.

7. Fixing the side handle :

Loosen the butterfly bolt on the side handle, and attach the side handle to the gear cover in a position convenient for drilling. Match the projecting part of the handle to the groove on the gear cover, and firmly tighten the butterfly bolt.

To remove the side handle, loosen the butterfly bolt and rotate the handle.

To attach a depth gauge on the side handle, insert the gauge into the U-shaped groove on the side handle, adjust the position of the depth gauge in accordance with the desire depth of the hole, and firmly tighten the butterfly bolt.

GENERAL OPERATIONAL PRECAUTIONS

1. Keep work area clean. Cluttered areas and benches invite injuries.
2. Consider work area environment. Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
3. Power tools produce sparks during operation. They also spark when switching ON/Off. Never use power tools in dangerous sites containing lacquer, paint, benzene, thinner, gasoline, adhesive agents, and other materials which are combustible or explosive.
4. Guard against electric shock. Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
5. Keep children away. Do not let visitors contact tools or extension cord. All visitors should be kept away from work area.
6. Store idle tools, when not in use. Tools should be stored in dry and high or locked-up place, out of reach of children.