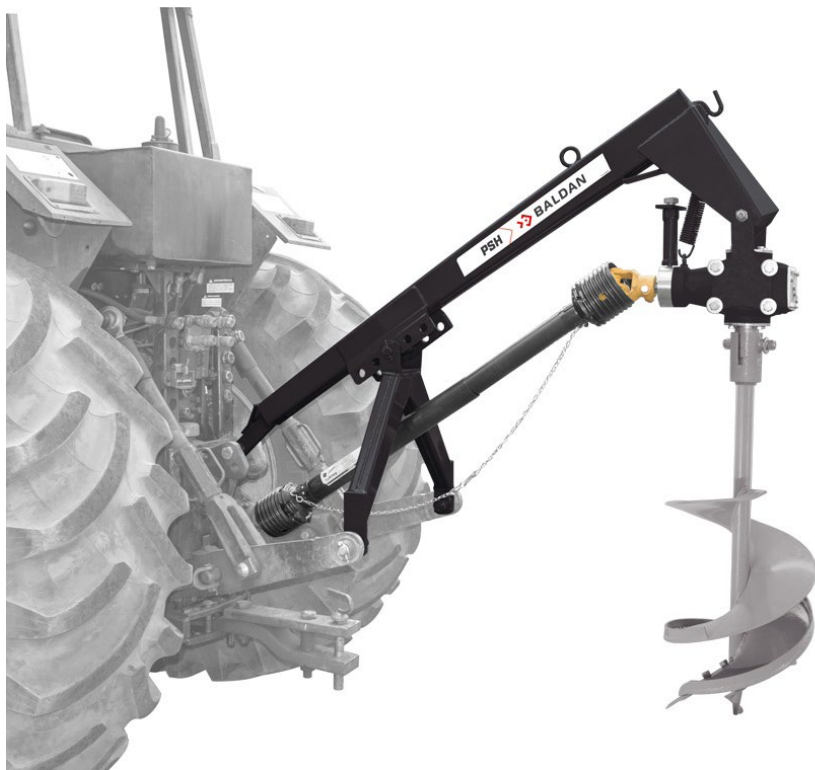


Instruction Manual



PSH

Post Hole Digger

 **BALDAN**

■ Presentation

We thank you for your preference and we want to congratulate you for the excellent choice you have just made, because you have acquired a product manufactured with **BALDAN IMPLEMENTOS AGRÍCOLAS S/A.**

This manual will guide you in the procedures that are necessary from its acquisition to the operational procedures of use, safety, and maintenance.

BALDAN guarantees that it has delivered this implement to the dealer complete and in perfect condition.

The dealer took responsibility for its safekeeping and conservation during the period it was in his possession, and also for the assembly, retightening, lubrication, and general overhaul.

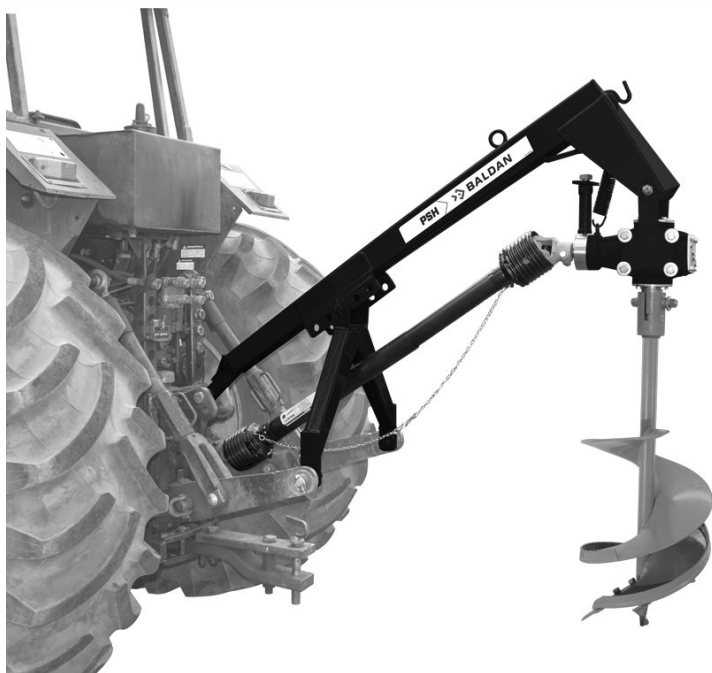
In the technical delivery, the dealer must guide the user customer about maintenance, safety, his obligations in eventual technical assistance, the strict observance of the warranty term and the reading of the instruction manual.

Any request for warranty service should be made to the dealer where it was purchased.

We reiterate the need to read carefully the warranty certificate and the observance of all items in this manual, because by doing so you will be increasing the life of your implement.



Instruction Manual



PSH

Post Hole Digger

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.
CNPJ: 52.311.347/0009-06
Insc. Est.: 441.016.953.110



Scan the QR Code on the nameplate of your equipment and access this Instruction Manual online.

 **BALDAN**

▪ Index

BALDAN WARRANTY	06
GENERATION INFORMATION	07
<i>To owner</i>	<i>07</i>
SAFETY STANDARDS	08
<i>To operator</i>	<i>08 - 11</i>
WARNINGS	12 - 13
COMPONENTS.....	14
<i>PSH - Post hole digger.....</i>	<i>14</i>
SPECIFICATIONS	15
<i>PSH - Post hole digger.....</i>	<i>15</i>
ASSEMBLY	16
<i>Assembly of the PSH</i>	<i>16</i>
<i>Assembly the drill bit</i>	<i>17</i>
<i>Cardan protection assembly</i>	<i>18</i>
<i>Cardan assembly</i>	<i>19</i>
HITCH.....	20
<i>Soil hole digger hitch.....</i>	<i>20</i>
ADJUSTMENTS	21
<i>Height adjustments</i>	<i>21</i>
<i>Vertical drill adjustment</i>	<i>22</i>
OPERATIONS.....	23
<i>PSH operations</i>	<i>23</i>
MAINTENANCE	24
<i>Lubrification</i>	<i>24</i>
<i>Table of greases and equivalents</i>	<i>24</i>
<i>Lubricate every 8 hours of work</i>	<i>24</i>
<i>Lubricate every 500 hours of work - Reduction box (BPN).....</i>	<i>25</i>
<i>Oil change - Reduction box (BPN)</i>	<i>26</i>
<i>Oil change - Reduction box (COMER)</i>	<i>27</i>
<i>Care</i>	<i>28</i>
<i>General cleaning</i>	<i>29</i>
<i>Post hole digger conservation</i>	<i>29 - 30</i>
OPTIONAL.....	31
<i>Drill bits 9" / 12" / 18".....</i>	<i>31</i>
IDENTIFICATION.....	32
<i>Identification plate.....</i>	<i>32</i>
<i>Product identification</i>	<i>33</i>
NOTES.....	34 - 35
CERTIFICATE.....	36
<i>Certificate of warranty</i>	<i>36 - 42</i>

▪ Baldan warranty

BALDAN IMPLEMENTOS AGRÍCOLAS S/A, guarantees the normal operation of the implement to the reseller for a period of 6 (six) months from the date of delivery on the resale invoice to the first end consumer.

During this period **BALDAN** undertakes to repair defects in material and or workmanship of its responsibility, with labor, freight and other expenses being the responsibility of the dealer.

During the warranty period, the request and replacement of any defective parts should be made to the dealer in the region, who will send the defective part for analysis at **BALDAN**.

When such a procedure is not possible and the dealer's capacity for resolution has been exhausted, the dealer will request support from **BALDAN's** Technical Assistance, through a specific form distributed to the dealers.

After **BALDAN's** Technical Assistance has analyzed the replaced items and concluded that they are not under warranty, then the dealer will be responsible for the costs related to the replacement, as well as the costs of material, travel including lodging and meals, accessories, lubricants used, and other expenses arising from the call to Technical Assistance, and **BALDAN** is authorized to make the respective billing on behalf of the dealer.

Any repairs made to the product that is within the warranty period by the dealer will only be authorized by **BALDAN** upon prior presentation of a budget describing the parts and labor to be executed.

It is excluded from this term the product that undergoes repairs or modifications in officials that do not belong to the **BALDAN** dealer network, as well as the application of non-genuine parts or components to the user's product.

This warranty will become void when it is found that the defect or damage is the result of improper use of the product, failure to follow instructions, or inexperience of the operator.

It is agreed that the present warranty does not cover tires, polyethylene tanks, cardans, hydraulic components, etc., which are equipment guaranteed by their manufacturers.

The manufacturing and or material defects, object of this warranty term, will not constitute, under any hypothesis, reason for rescission of the purchase and sale contract, or for indemnity of any nature.

BALDAN reserves the right to alter and/or improve the technical characteristics of its products, without prior notice, and without obligation to do so with products previously manufactured.

▪ General information

• To the owner

BALDAN IMPLEMENTOS AGRÍCOLAS S/A, is not responsible for any damage caused by accident resulting from the use, transport or improper or incorrect storage of your implement, either by negligence and/or inexperience of any person.

Only people who have full knowledge of the tractor and the implement should transport and operate them.

BALDAN is not responsible for any damage caused in unforeseeable situations or outside the normal use of the implement.

Improper handling of this equipment can result in serious or fatal accidents. Before putting the equipment into operation, carefully read the instructions contained in this manual. Make sure that the person responsible for the operation is instructed in the correct and safe handling. Also make sure that the operator has read and understood the product's instruction manual.



ATTENTION

NR-31 - SAFETY AND HEALTH AT WORK IN AGRICULTURE, CATTLE RAISING, FORESTRY, LOGGING AND AQUACULTURE.

This Regulating Norm has the objective of establishing the precepts to be observed in the organization and in the work environment, in a way that is compatible with the planning and development of the activities of agriculture, livestock, forestry, forest exploration, and aquiculture with the safety and health and environment of the work.

MR. OWNER OR OPERATOR OF THE EQUIPMENT.
Carefully read and comply with the provisions of NR-31.

For more information, visit the site and read NR-31 in its entirety.
<http://portal.mte.gov.br/legislacao/normas-regulamentadoras-1.htm>

▪ Safety rules

- To the operator



THIS SYMBOL INDICATES AN IMPORTANT SAFETY WARNING. IN THIS MANUAL, WHENEVER YOU FIND IT, PLEASE READ THE FOLLOWING MESSAGE CAREFULLY AND BE AWARE OF THE POSSIBILITY OF PERSONAL ACCIDENTS.



ATTENTION



Read the instruction manual carefully for recommended safety practices



ATTENTION



Only start operating the tractor when you are properly seated and with your seat belt fastened.



ATTENTION



Do not carry people on the tractor, or in or on the equipment.



ATTENTION



There is a risk of serious injury from tipping over when working on sloping ground.
Do not use excessive speed.



ATTENTION



Do not work with the tractor if the front is without enough ballast for the rear equipment.
If there is a tendency to lift, add weights or ballast to the front or front wheels.



ATTENTION



Before doing any maintenance on your equipment, make sure it is properly stopped.
Avoid being run over.

▪ Safety rules**ATTENTION**

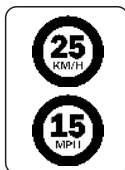
FOLLOW ALL RECOMMENDATIONS, WARNINGS, AND SAFE PRACTICES RECOMMENDED IN THIS MANUAL, AND UNDERSTAND THE IMPORTANCE OF YOUR SAFETY. ACCIDENTS CAN LEAD TO DISABILITY OR EVEN DEATH. REMEMBER, ACCIDENTS CAN BE AVOIDED!

**ATTENTION**

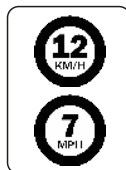
Always keep access places and work places clean from residues such as oil or grease, as they can cause accidents.

**ATTENTION**

Before starting work or transporting the PSH, check for people or obstructions near it.

**ATTENTION**

When transporting the PSH, do not exceed a speed of 25Km/h or 15 MPH, avoiding the risk of damage and accidents.

**ATTENTION**

When working with the PSH, do not exceed a speed of 12Km/h or 7 MPH, avoiding the risk of damage and accidents.

**ATTENTION**

During operation, do not approach the PSH drill. Ignoring this warning could cause serious accidents or even death.

**ATTENTION**

There is a risk of injury or death to the PSH operator and bystanders during operations for the following reason:

- Involvement of the body in drive shafts and rotary axes.

▪ Safety rules



ATTENTION



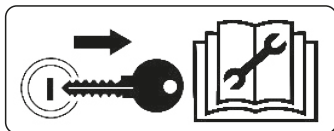
Do not make adjustments while the PSH is running.

When doing any work on the PSH, turn off the tractor first.

Use appropriate tools.



ATTENTION



Remove the ignition key before performing any maintenance on the PSH. Protect yourself from possible injury or death, caused by an unforeseen PSH departure. If the PSH is not properly engaged, do not start the tractor.



ATTENTION



Improper waste disposal affects environment and ecology, because it will be polluting rivers, canals or soil polluting rivers,

canals or the soil.

Inform yourself about the correct way to recycle or dispose of waste.

PROTECT THE ENVIRONMENT!

▪ **Safety rules**

• PPE Equipment



ATTENTION

DO NOT WORK WITH THE PSH WITHOUT PUTTING ON THE SAFETY EQUIPMENT BEFORE. IGNORING THIS WARNING MAY CAUSE DAMAGE TO HEALTH, SERIOUS ACCIDENTS, OR DEATH.

When performing certain procedures with **PSH**, wear the following PPE below:



! IMPORTANT

Safety practices must be carried out at all stages of work with the PSH, thus avoiding accidents such as impact of objects, falling, noise, cuts and ergonomics; that is, the person responsible for operating the PSH is subject to internal and external damage to his or her body.






















OBSERVATION













All PPE (Safety Equipment) must have a certificate of authenticity.



▪ Warnings

-  When operating the PSH, do not allow people to stay too close, inside it or on it.
-  Do not transport the PSH attached to the tractor with the power take-off plugged in.
-  When performing any maintenance service, wear PPE.
-  If during drilling you experience excessive resistance, do not continue the operation without first relieving the drill bit or eliminating any possible cause.
-  Do not drill deeper than recommended.
-  Do not wear loose clothing as they may get caught in PSH.
-  When starting the tractor motor, be properly seated in the operator seat and aware of the complete knowledge of correct and safe handling of both the tractor and PSH. Always put the gear shift in neutral position, unplug the power take-off gear switch and place the hydraulic controls in neutral position.
-  Do not start the motor in a closed environment or with no proper ventilation since the exhaust gases are harmful to your health.
-  When maneuvering the tractor to couple the PSH, make sure you have the necessary space and that there is no one very close, always maneuver at low gear and be prepared to brake in an emergency.
-  Do not perform adjustments when PSH is in operation.
-  When working in sloped terrains, proceed with precautions, always trying to maintain the required stability. In case of unbalance, reduce acceleration and turn the wheels of the tractor to the downward face of the terrain and never lift the PSH.
-  Always conduct the tractor in speeds compatible to the safety, especially during works in bumpy lands or slopes, keep the tractor always engaged.
-  When driving the tractor in highways, keep the brake pedals interconnected.
-  Do not work with a tractor with a light rear. If its front tends to raise, add weights or ballasts to the front of the tractor or to its front wheels.
-  When leaving the tractor, put the gear lever in neutral position and apply the parking brake. Never leave PSH coupled to the tractor in the raised position of the hydraulic system.
-  All maintenance on the PSH must be carried while the vehicle is parked and with the tractor switched off.
-  Do not travel on highways especially at night. Use warning signs throughout the course.
-  Do not transport or work with PSH around obstacles, rivers or streams.
-  If you need to travel with the PSH on the highways, consult the transit authorities.

▪ Warnings

-  Do not allow the use of the PSH by people who have not been trained, that is, that do not know how to operate it correctly.
-  It is forbidden to transport people on self-propelled machines and implements.
-  Changes in the original characteristics of the PSH are not allowed, as they can change the safety, the operation and affect the useful life.
-  Always check that the PSH is in perfect conditions of use. In the event of any irregularity that may interfere with the operation of the PSH, ensure proper maintenance before any work or transportation.
-  The maintenance and especially inspection in areas at risk of PSH, should be done only by a qualified or qualified worker, observing all the safety guidelines. Before starting maintenance, disconnect all PSH drive systems.
-  Periodically check all PSH components before use.
-  Depending on the equipment used and the working conditions in the field or in areas of maintenance, precautions are required. Baldan has no direct control over precautions, so it is the owner's responsibility to implement safety procedures while working with the PSH.
-  When transporting the PSH, walk at speeds compatible with the terrain and never exceed 16 km/h, this reduces maintenance and consequently increases the service life of the PSH.
-  Do not approach the moving drill bit.
-  Carefully read all the safety information in this manual and in the PSH.
-  Alcoholic beverages or some medications can cause a loss of reflexes and alter the operator's physical condition. Therefore, never operate the LIRI while under the use of these substances.
-  Read or explain all the procedures in this manual, to the user who cannot read.

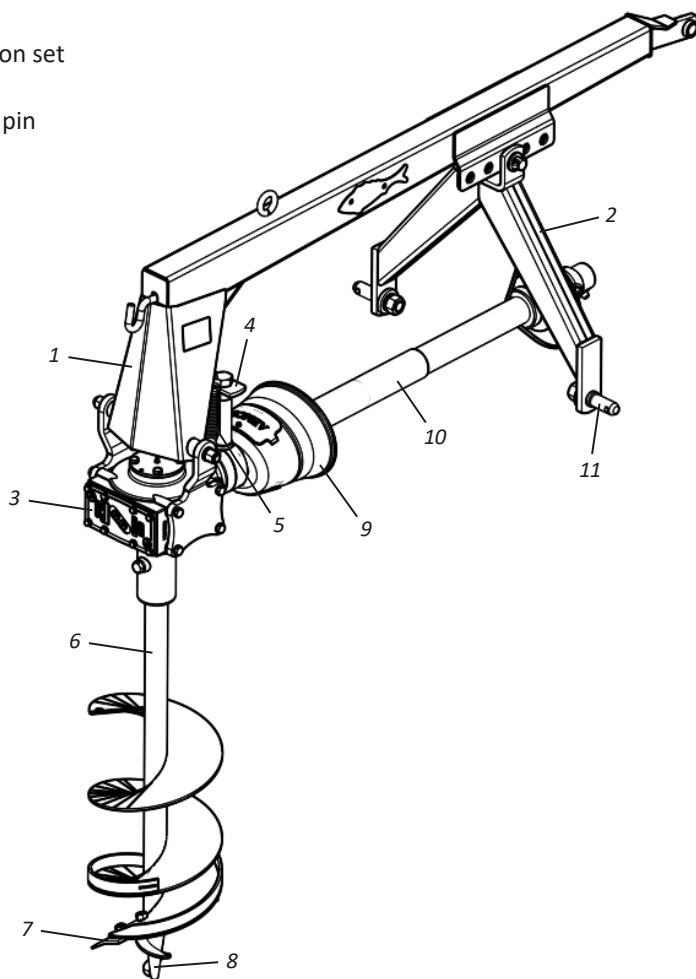
In case of doubts, consult After Sales.

Phone: 0800-152577 / E-mail: posvenda@baldan.com.br

■ Components

• PSH - Post Hole Digger

1. Auger frame
2. Coupling head
3. Gearbox
4. Drill leveling regulator
5. Screw spring
6. Drill bit - 9", 12", 18"
7. Drill blade
8. Drill bit
9. Protection set
10. Cardan
11. Couplin pin



▪ Specifications

• PSH - Post Hole Digger

Model	Diameter of the drills (ø)	Drilling Diameter (ø)	Drilling Depth (mm)	Drill RPM	Approximate Weight (kg)
PSH	Without drill	-	-	128	144
PSH	9"	230 mm	1000	128	164
PSH	12"	310 mm	1000	128	172
PSH	18"	460 mm	1000	128	187

Tractor power (Cv) 40 (PTO 540 RPM)

*Baldan reserves the right to change and/or improve the technical characteristics of its products without notice, and without obligation to do so with products previously manufactured.
The technical specifications are approximate and are given under normal working conditions.*

INTENDED USE OF PSH




- The **PSH** was developed to be used in the construction of fences and sheds.
- The **PSH** must only be driven and activated by a properly instructed operator.

NOT ALLOWED USE OF PSH

- To avoid damage, serious accidents or death, DO NOT transport people on any part of the **PSH**.
- The **PSH** should NOT be used by an inexperienced operator who does not know all driving, control and operating techniques.

▪ Assembly

The **PSH** leaves the factory disassembled. To assemble it, follow the instructions below:

-  Before you begin assembling the **PSH**, look for an ideal place, where it facilitates the assembly of the same.
-  When carrying out any drill assembly and disassembly service, wear gloves on your hands.
-  Do not wear loose clothing, as they may be tangled on the earth auger.



ATTENTION

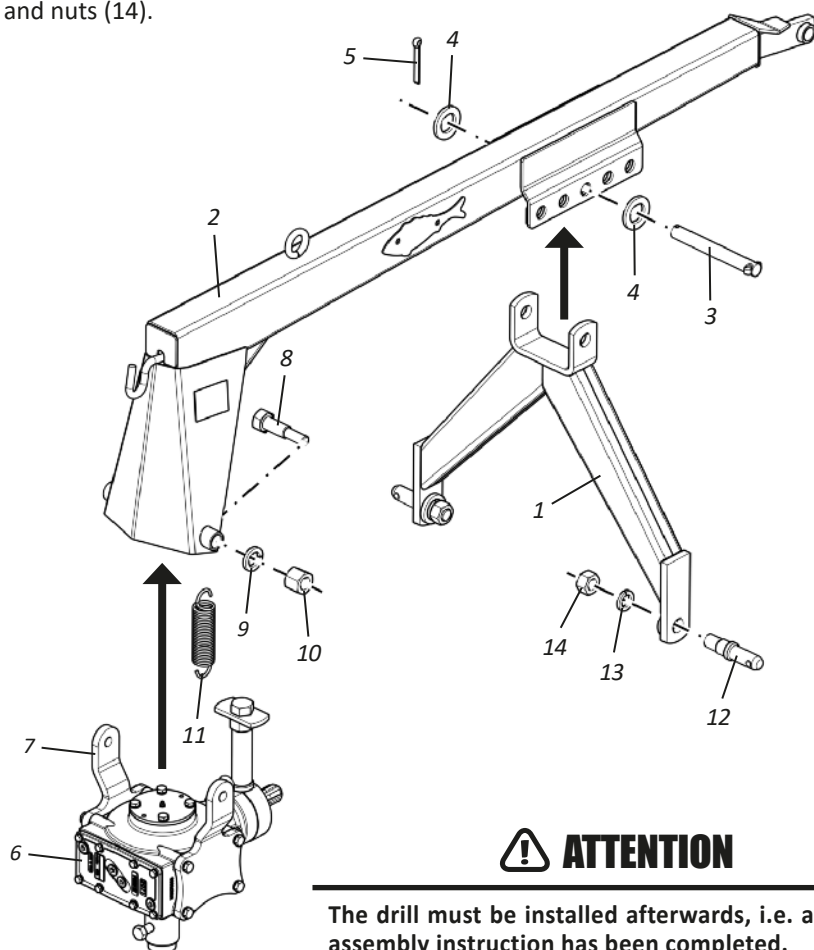
When starting the **PSH** assembly, if you have questions regarding the pins, screws, washers and nuts to be used in the assembly, refer to the parts catalogue for identification.

■ Assembly

• Assembly of the PSH

To assemble the coupling header(1), proceed as follows:

- 01** - Attach the coupling head (1) to the frame (2) by fastening with the pins (3), plain washers (4) and cotter pin (5).
- 02** - Then insert the gearbox (6) into the frame (2) through the plates (7) and tighten the bolts (8), lock washers (9) and nuts (10).
- 03** - Then, engage the spring (11) in the gearbox (6) and the frame (2).
- 04** - Finally, secure the pins (12) to the coupling head (1) through the lock washers (13) and nuts (14).



ATTENTION

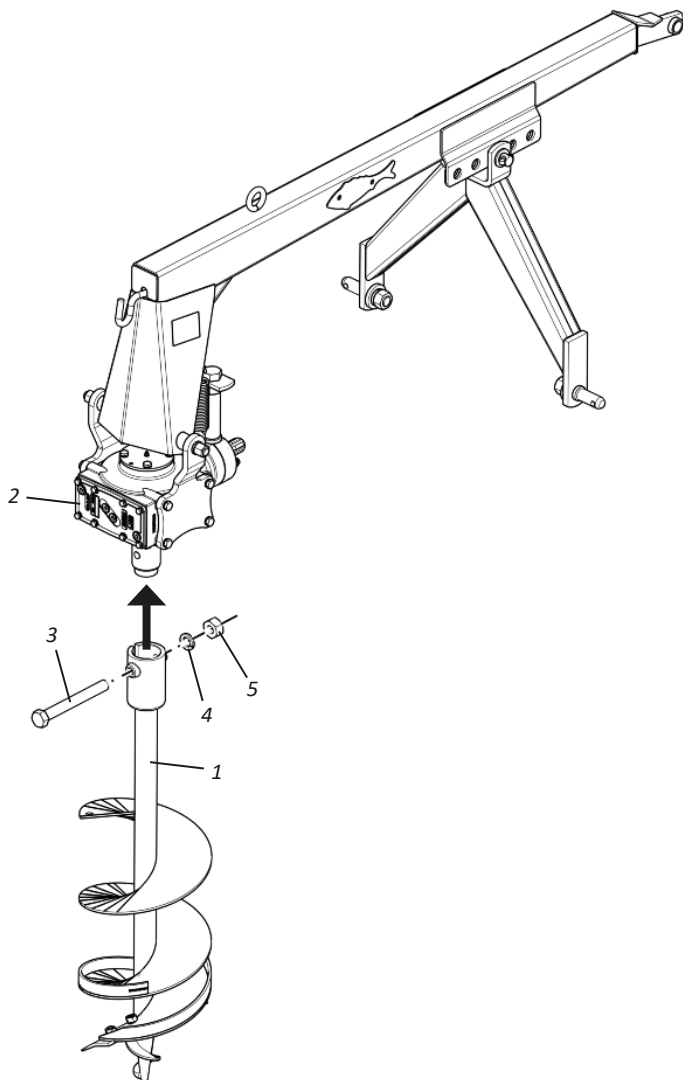
The drill must be installed afterwards, i.e. after this assembly instruction has been completed.

▪ Assembly

• Assembly the drill bit

To assemble the drill (1), proceed as follows:

- 01** - Attach the drill (1) to the reduction box (2) securing it using the screw (3), pressure washer (4) and nut (5).

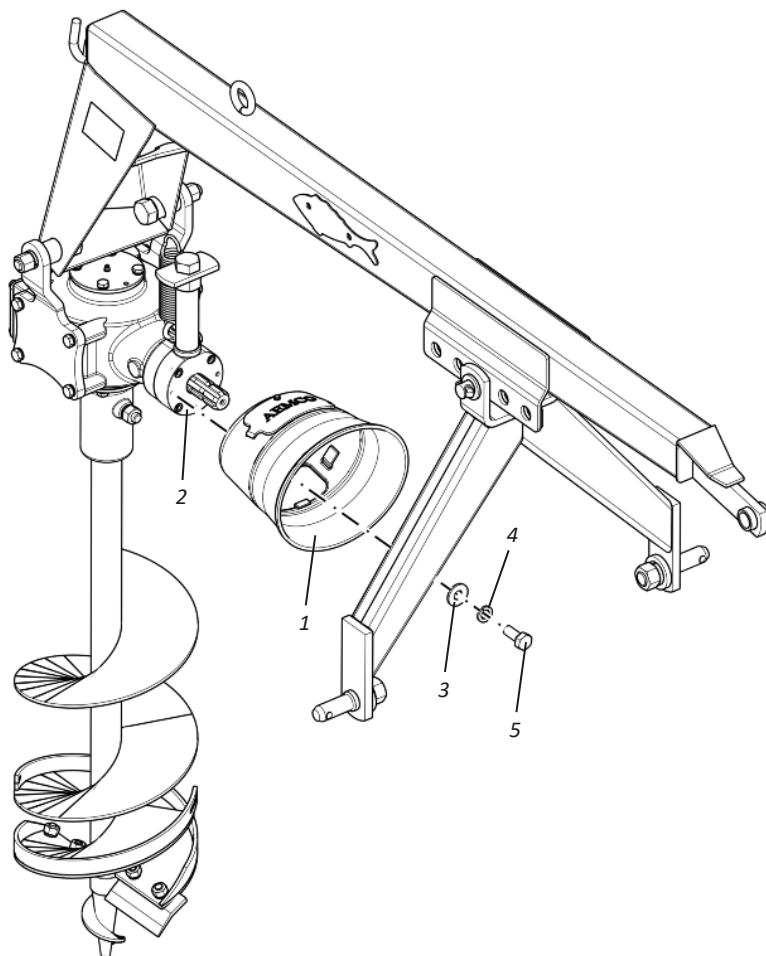


▪ Assembly

• Cardan protection assembly

To assemble the cardan protection (1), proceed as follows:

- 01** - Attach the cardan protection (1) to the reduction box (2) securing it using flat washers (3), pressure washers (4) and screws (5).



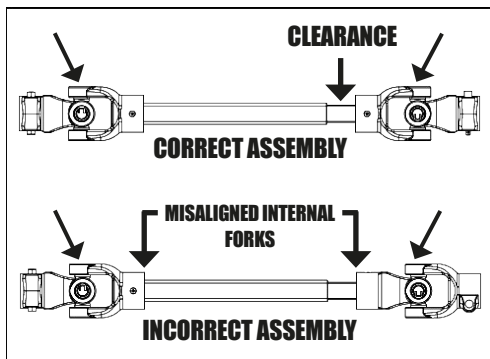
Do not operate the PSH without gimbal protection. Ignoring this warning could result in serious injury or death.

▪ Assembly

• Cardan assembly

Firstly, make sure that the internal and external terminals are always on the same plane, aligned **as shown in the figure below**.

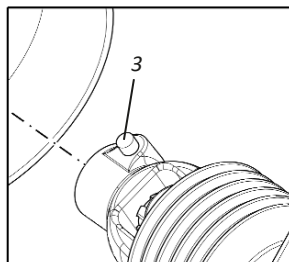
Also check the play in the telescopic shaft, which should be 5 to 7 cm.



To assemble the cardan (1), proceed as follows:

- 01** - Attach the cardan (1) to the reduction box (2), observing that engagement will only be completed when the lock (3) pops out, as shown in detail "A".

DETAIL "A"

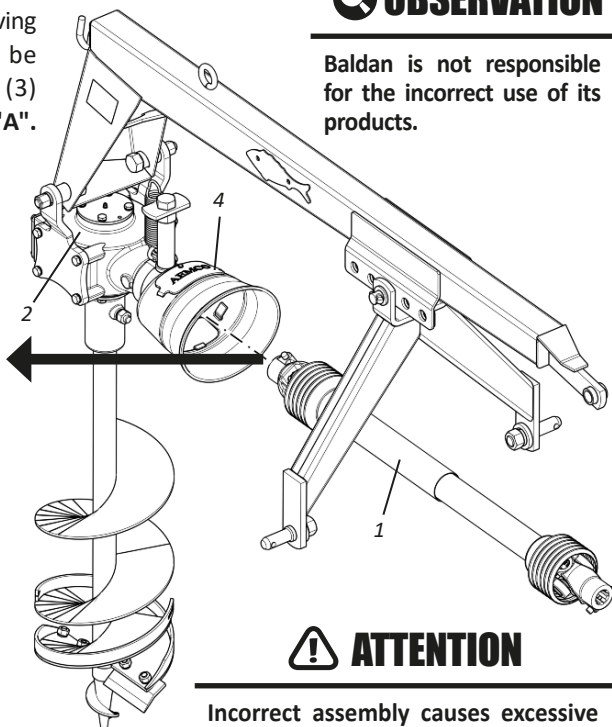


IMPORTANT

Do not mount the cardan without the cardan protection cover (4). Ignoring this warning could result in serious injury or death.

OBSERVATION

Baldan is not responsible for the incorrect use of its products.



ATTENTION

Incorrect assembly causes excessive vibrations, damaging the transmission.

▪ Hitch

• Soil hole digger hitch

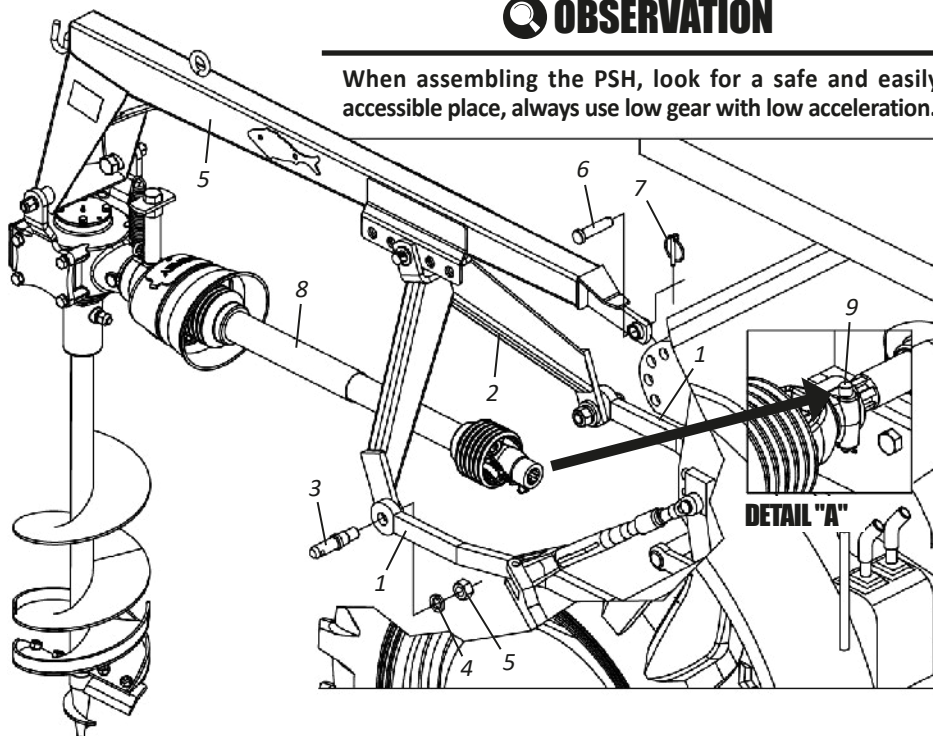
Before coupling the **PSH** to the tractor, check that the tractor is equipped with a set of weights or ballasts on the front or front wheels so as not to lift the tractor. The rear wheels will give the tractor greater stability and traction on the ground.

To attach the **PSH**, proceed as follows:

- 01** - Slowly approach the tractor to the driller in reverse gear, paying attention to applying the brakes. Use the hydraulic position control lever, leaving the lower arms of the tractor (1) at the level of the hitch header (2) of the drill.
- 02** - Then, adjust the eyelet on the lower arms (1) and engage the winch using the pins (3), pressure washers (4) and nuts (5).
- 03** - Then, finish by engaging the drill's lifting arm (5) in the tractor's third point coupling through the pin (6) and lock with a ring (7).
- 04** - Finish by coupling the cardan (8) to the tractor's PTO, observing that the coupling will only be completed when the lock (9) pops out, **as shown in detail "A"**.

OBSERVATION

When assembling the PSH, look for a safe and easily accessible place, always use low gear with low acceleration.



▪ **Adjustments**

• **Height adjustments**

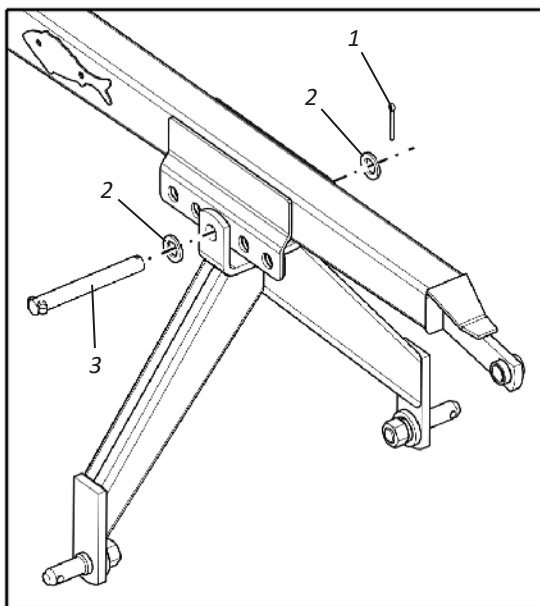
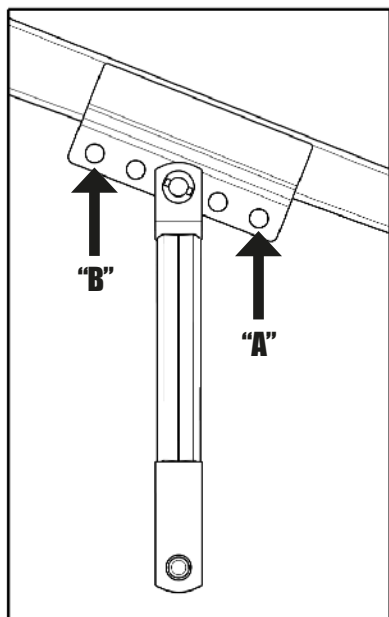
The **PSH** has an adjustment system that allows the height of the drill to be increased or decreased depending on the tractor model. To adjust the height, proceed as follows:

- 01** - First remove the cotter pin (1), flat washers (2) and pin (3).
- 02** - Then, choose the drilling that meets the desired height adjustment.
- 03** - Then, finish by replacing the pin (3), flat washers (2) and cotter pin (1).

HEIGHT ADJUSTMENTS:

"A" - For taller tractors.

"B" - For lower tractors.

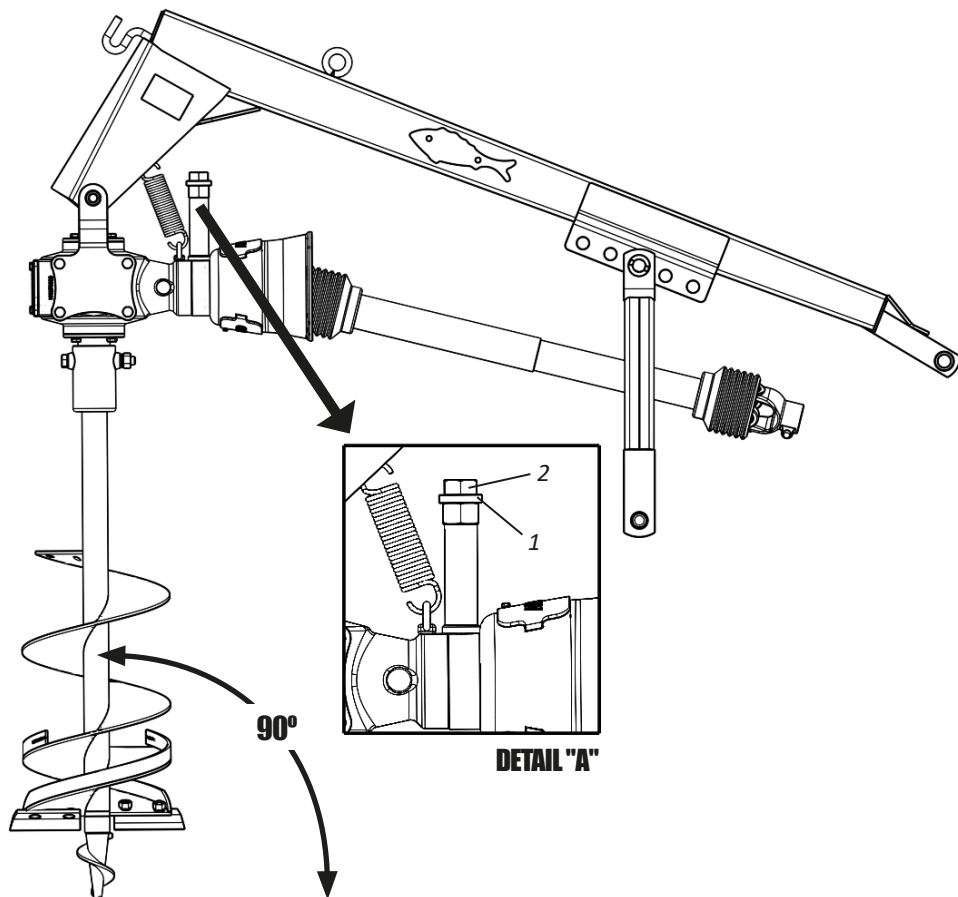


▪ Adjustments

• Vertical drill adjustment

To make vertical adjustment of the drill, proceed as follows:

- 01** - Lower the **PSH** post hole digger to the tip of the bit into the soil.
- 02** - Then, move the tractor forward or backward, until the drill is in the 90° position, as shown in the figure below.
- 03** - Then, release the lock (1), adjust the screw (2) until it touches the upper plate of the frame, as shown in detail "A".



▪ **Operations**

• **PSH operations**

- 01** - After the first day of work with the **PSH**, retighten all screws and nuts, check the condition of the pins and locks. Then, carry out a general retightening of all screws and nuts periodically.
- 02** - Adjust the tractor according to the contents of the instruction manual, always using the front and rear weights to stabilize the **PSH**.
- 03** - In moist, dry, soft or resistant soils, with the exception of very stony soils, the drill works efficiently.
- 04** - Drilling a pit should be completed in 2 or 3 stages and never all at once, to avoid overloading the driller and tractor and thus obtaining greater work performance.
- 05** - The drill positioning system achieves much higher performance. Depending on the tractor driver's skill and soil conditions, an average of 90 to 120 holes per hour can be achieved with any of the three drills.
- 06** - On all types of terrain and especially terrain where the drill adheres, operate in two stages:
 - Drill halfway through the drill bit and raise it with the same rotation to loosen the earth without letting the drill completely leave the hole.
 - Lower the drill and operate again.
- 07** - Start drilling at low speed so that the drill finds the plumb line; Then, the drill speed gradually increases.
- 08** - In operation, lock the tractor wheels.
- 09** - It is important to ensure that the drill works correctly.
- 10** - Never place the transmission box in contact with the ground.
- 11** - Always observe the depth, which should not exceed 1 meter.
- 12** - When you notice a lot of difficulty in drilling, stop and examine the cause.
- 13** - When traveling with the drill over long distances and when carrying out any repairs to it, disconnect the tractor's power take-off box.
- 14** - In the **PSH** equipped with a reduction gearbox (BPN), before putting it into operation, the plug must be removed and the breather installed, according to the instructions on page 26.
- 15** - Do not assemble the cardan with "hammers", if necessary clean or sand the parts.
- 16** - Make sure all parts are in serviceable condition.
- 17** - When operating the **PSH**, do not allow people to stand too close to the drill.

If in doubt, never operate or handle the PSH, consult After Sales.
Phone: 0800-152577 / E-mail: posvenda@baldan.com.br

▪ **Maintenance**

The **PSH** was developed to provide you with maximum performance over the terrain conditions. Experience has shown that periodic maintenance of certain parts of the soil drill is the best way to help you avoid problems, so we suggest checking them.


• **Lubrication**

Lubrication is essential for good performance and greater durability of the moving parts of the **PSH**, contributing to savings in maintenance costs.

Before starting operation, carefully lubricate all grease fittings, always observing the lubrication intervals on the following pages. Make sure the quality of the lubricant, in terms of its efficiency and purity, avoid using products contaminated by water, soil and other agents.

• **Table of greases and equivalents**

Manufacturer	Type of recommended grease
Petrobrás	Lubrax GMA-2
Atlantic	Litholine MP 2
Ipiranga	Ipiflex 2
Castrol	LM 2
Mobil	Grease MP
Texaco	Marfak 2
Shell	Alvania EP 2
Esso	Multi H
Bardahl	Maxlub APG-2EP
Valvoline	Palladium MP-2

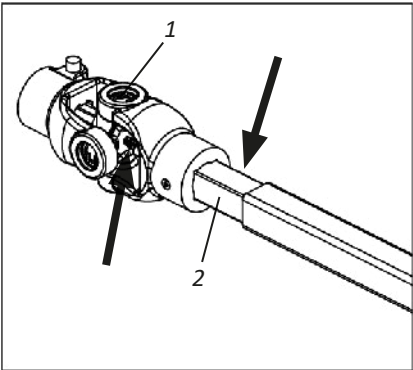
 **ATTENTION** | If there are equivalent manufacturers and/or brands that are not included in the table, consult the manufacturer's technical manual.

• **Lubricate every 8 hours of work**

Lubricate the crossheads (1) with grease every 8 hours. The telescopic shaft (2) must be lubricated weekly.

 **IMPORTANT**

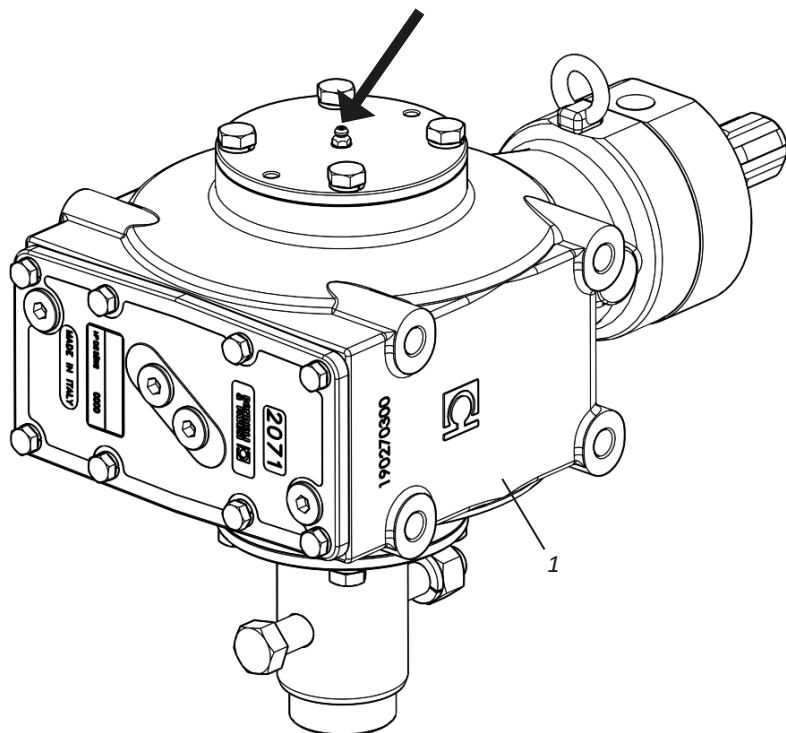
When lubricating the crossheads (1) or the telescopic shaft (2), do not exceed the amount of new grease. Enter a sufficient amount.



▪ Maintenance

- Lubricate every 500 hours of work - Reduction box (BPN)

! ATTENTION | The first lubrication of the gearbox (1) must be done during the first 50 hours of work, then lubricate every 500 hours of work.



! IMPORTANT

To lubricate the reduction gearbox (1), 0.150 kg of grease is required.
Use only the specified grease: Grease EP (Specification DIN51825 KP00K Consistency NLGI 2/3).

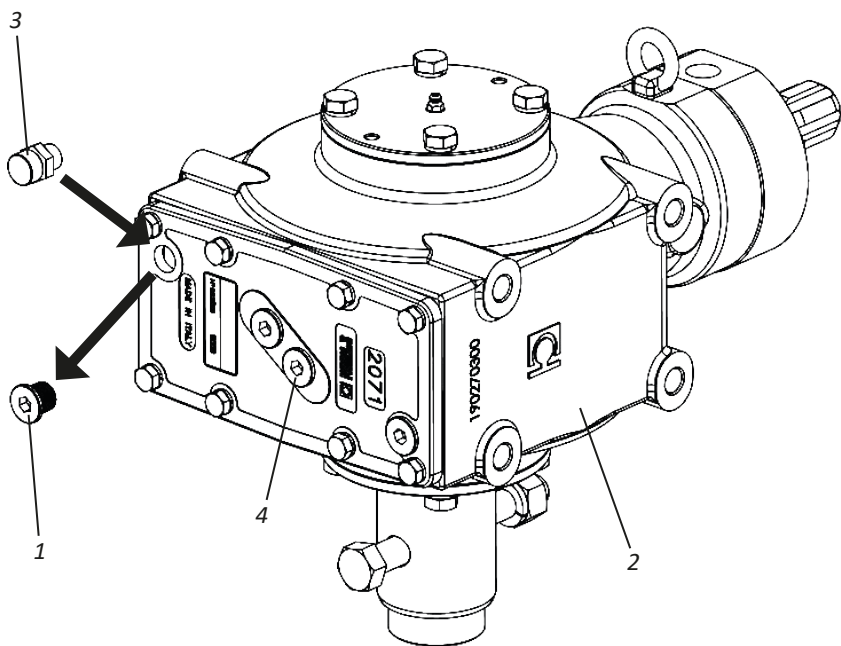
🔍 OBSERVATION | When lubricating the reduction gearbox (1), do not exceed the amount of new grease. Introduce a sufficient amount.

■ Maintenance

• Oil change - Reduction box (BPN)

On the **PSH** equipped with a reduction gearbox (BPN), before putting it into operation, remove the plug (1) from the reduction gearbox (2) and replace the breather (3).

To check the oil level or to drain it, remove the plug (4) from the reduction gearbox (2).



ATTENTION

The first oil change in the BPN reduction gearbox must be done within the first 50 hours of work, then replace the oil every 500 hours of work using 1.8 liters.
Use only the specified oil: SAE 90EP.

IMPORTANT

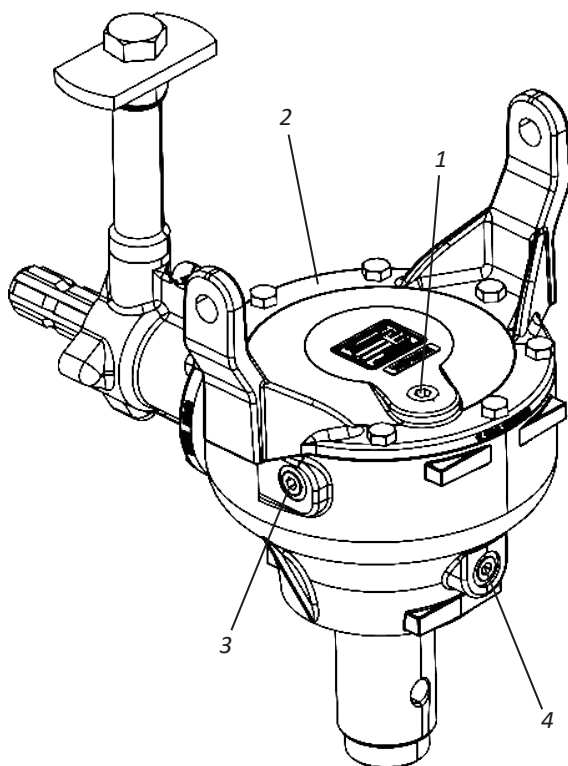
When using a specific brand of oil, avoid topping up with oil from another brand and specification.

▪ Maintenance

• Oil change - Reduction box (COMER)

The PSH equipped with a reduction gearbox (COMER) does not use a breather and is mounted with a plug (1). Periodically check the oil level in the gearbox (2) using the level indicator screw (3) and top up whenever necessary.

To drain all the oil from the gearbox (2), remove the drain (4).



ATTENTION

The first oil change in the COMER reduction gearbox must be done within the first 50 hours of work, then replace the oil every 500 hours of work using 2.2 liters.
Use only the specified oil: SAE 90EP.

IMPORTANT

When using a specific brand of oil, avoid topping up with oil from another brand and specification.

▪ Maintenance

• Care

- 01** - Before each job, check the condition of all pins, screws and nuts. When necessary, retighten them.
- 02** - Travel speed must be carefully controlled according to terrain conditions.
- 03** - **PSH** is used in various applications, requiring knowledge and attention when handling it.
- 04** - Only local conditions can determine the best way to operate the **PSH**.
- 05** - When assembling or disassembling any part of the **PSH**, use appropriate methods and tools.
- 06** - Always check the parts for wear. If replacement is necessary, **always demand original Baldan parts.**



Proper and periodic maintenance is necessary to ensure the long life of the post hole digger.

▪ Maintenance

• General cleaning

- 01** - When storing the **PSH**, do a general cleaning and wash it completely with water only. Check that the paint has not worn off, if this has happened, give it a general coat, apply protective oil and lubricate the **PSH**.
- 02** - Check all moving parts of the **PSH**, if they show wear or looseness, make the necessary adjustment or replace the parts, leaving the driller ready for the next job.
- 03** - Replace all stickers, especially warning stickers that are damaged or missing. Make everyone aware of their importance and the dangers of accidents when instructions are not followed.
- 04** - After all maintenance care, store your **PSH** on a flat surface, covered and dry place, away from animals and children.
- 05** - We recommend washing the **PSH** only with water when starting work.



ATTENTION

Do not use chemical products to wash the soil drill, as this could damage its paintwork.

• Post hole digger conservation - Part I

To extend the life and appearance of the **PSH** for longer, follow the instructions below:

- 01** - Wash and clean all **PSH** components during and at the end of the work season.
- 02** - Use neutral products to clean the **PSH**, following the safety and handling guidelines provided by the manufacturer.
- 03** - Always carry out maintenance within the periods indicated in this manual.

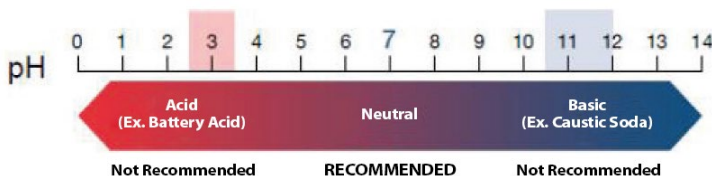
• Post hole digger conservation - Part II

The practices and care below, if adopted by the owner or operator, make a difference to the conservation of **PSH**.

- 01** - Be careful when washing with high pressure;

■ Maintenance

- 02 - Use only water and NEUTRAL detergent (pH equal to 7);
- 03 - Apply the product, strictly following the manufacturer's instructions, on the wet surface and in the correct sequence, respecting the application and washing time;
- 04 - Stains and dirt not removed with the products must be removed with the help of a sponge.
- 05 - Rinse the machine with clean water to remove all chemical residue.
- 06 - Do not use - Detergents with a basic active ingredient (pH greater than 7) can damage/ stain the paintwork of the post hole digger.
- Detergents with an acidic active ingredient (pH less than 7) act as strippers/ zinc plating removers (protecting parts against oxidation).



- 07 - Let the machine dry in the shade, so that water does not accumulate in its components. Drying too quickly can cause stains on your paint.
- 08 - After drying, lubricate all grease fittings according to the recommendations in the operator's manual.
- 09 - Spray the entire machine, especially the zinc-coated parts, with protective oil, following the manufacturer's application guidelines. The protector also prevents dirt from adhering to the machine, facilitating subsequent washing.
- 10 - Observe curing (absorption) time and application intervals as recommended by the manufacturer.

! ATTENTION Do not use any other type of oil to protect the post hole digger (used hydraulic oil, "burnt" oil, diesel oil, castor oil, kerosene, etc).

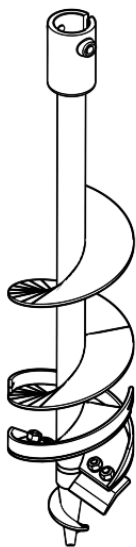
! IMPORTANT We recommend the following protective oils:
- Bardahl: Agro Protective 200 or 300
- ITWChemical: Zoxol DW - Série 4000

🔍 OBSERVATION Ignoring the conservation measures mentioned above can result in the loss of warranty for painted or galvanized components that present eventual oxidation (rust).

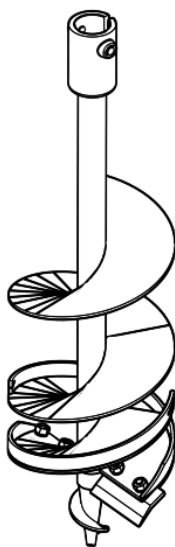
▪ Optional

- Drill bits 9" / 12" / 18"

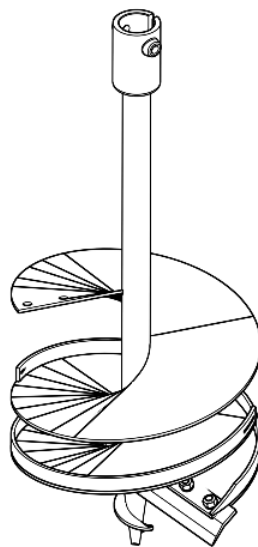
The **PSH** has optional drills that can be purchased according to the work needs.



DRILL 9"



DRILL 12"



DRILL 18"

■ Identification

• Identification plate

To consult the parts catalog or request Baldan technical assistance, always indicate the model (01), serial number (02) and manufacturing date (03), which is on the identification plate of your **PSH**.

 BALDAN BALDAN IMPLEMENTOS AGRÍCOLAS S/A. AV. BALDAN, 1500 NOVA MATÃO CEP 15.993-900 MATÃO-SP BRASIL FONE: (16) 3221-6500 CNPJ: 52.311.347/0009-06 CREA/SP 0170977		
01 — Modelo / Model	Data / Date — 03	
02 — N° de Série / Serial Number	Tipo / Type	
Capacidade / Load Capacity	Peso / Weight	



ATTENTION

The drawings contained in this Instruction Manual are for illustrative purposes.



CONTACT

In case of doubt, never operate or handle your equipment without consulting After Sales.

Phone: 0800-152577

email: posvenda@baldan.com.br



PUBLICATIONS

Code: 60550201405 | CPT: PSH04818



▪ Identification

• Product identification

Make the correct identification of the data below, to always have information about the life of your equipment.

Owner: _____

Resale: _____

Farm: _____

City: _____

Status: _____

Warranty cert. no: _____

Implement: _____

Serial No: _____

Date of purchase: _____

Invoice: _____

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■ Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

BALDAN IMPLEMENTOS AGRÍCOLAS S/A, guarantees the normal operation of the implement to the reseller for a period of 6 (six) months from the date of delivery on the resale invoice to the first end consumer. During this period **BALDAN** undertakes to repair defects in material and or workmanship of its responsibility, and the labor, freight and other expenses are the responsibility of the dealer.

During the warranty period, the request and replacement of any defective parts should be made to the dealer in the region, who will send the defective part for analysis at **BALDAN**.

When such a procedure is not possible and the dealer's capacity for resolution has been exhausted, the dealer will request support from **BALDAN's** Technical Assistance, through a specific form distributed to the dealers. After review of the replaced items by Baldan Technical Assistance, and the conclusion that this is not a warranty claim, then the dealer will be responsible for the costs related to the replacement; as well as the costs of material, travel including lodging and meals, accessories, lubricant used and other expenses arising from the call to Technical Assistance, and Baldan is authorized to make the respective billing on behalf of the dealer. Any repairs made to the product that is within the warranty period by the dealer will only be authorized by **BALDAN** upon prior presentation of a budget describing the parts and labor to be executed.

It is excluded from this term the product that undergoes repairs or modifications in officials that do not belong to the **BALDAN** dealer network, as well as the application of non-genuine parts or components to the user's product. This warranty will become void when it is found that the defect or damage is the result of improper use of the product, failure to follow instructions, or inexperience of the operator.

It is agreed that the present warranty does not cover tires, polyethylene tanks, cardans, hydraulic components, etc., which are equipment guaranteed by their manufacturers. The manufacturing and or material defects, object of this warranty term, will not constitute, under any hypothesis, reason for rescission of the purchase and sale contract, or for indemnity of any nature.

BALDAN reserves the right to alter and/or improve the technical characteristics of its products, without prior notice, and without obligation to do so with products previously manufactured.

▪ Inspection and Delivery Certificate

SERVICE BEFORE DELIVERY: This implement has been carefully prepared by the sales organization, inspected in all its parts according to the manufacturer's prescriptions.

DELIVERY SERVICE: The user has been informed of the current warranty terms and instructed on the use and care of maintenance.

I confirm that I have been informed about the warranty terms in effect and instructed about the correct use and maintenance of the implement.

Implement: _____ Serial No: _____

Date: _____ Tax No: _____

Resale: _____

Phone: _____ ZIP: _____

City: _____ State: _____

Owner: _____

Phone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Date of sale: _____

Signature/Stamp of Reseller _____

1st copy - Owner

▪ Inspection and Delivery Certificate

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Implement: _____ Serial No: _____

Date: _____ Tax No: _____

Resale: _____

Phone: _____ ZIP: _____

City: _____ State: _____

Owner: _____

Phone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Date of sale: _____

Signature / Stamp of Reseller _____

2nd copy - Resale

▪ Inspection and Delivery Certificate

SERVICE BEFORE DELIVERY: This implement has been carefully prepared by the sales organization, inspected in all its parts according to the manufacturer's prescriptions.

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Implement: _____ Serial No: _____

Date: _____ Tax No: _____

Resale: _____

Phone: _____ ZIP: _____

City: _____ State: _____

Owner: _____

Phone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Date of sale: _____

Signature / Stamp of Reseller _____

3rd - Manufacturer (Please send completed with in 15 days)

1.74.05.0059-5

AC MATÃO
ECT/DR/SP

RESPONSE CARD

NO SEALING REQUIRED

THE STAMP WILL BE PAID FOR:



BALDAN

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.

Baldan, 1500 | Nova Matão | Zip Code: 15993 900 | Matão SP. | Brazil

Phone: (16) 3221 6500 | Fax: (16) 3382-6500

www.baldan.com.br | email: sac@baldan.com.br

Export: Phone: +55 (16) 3221-6500 | Fax: +55 (16) 3382 4212 | 3382 2480

email: export@baldan.com.br



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