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Post Hole Diggers
PD10, PD15, PD25 & PD35

Read the Operator's Manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

Cover photo may show optional equipment not supplied with standard unit.

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Printed in the United States of America.

PD10, PD15, PD25 & PD35 Post Hole Diggers  317-048M

9/04/12
These are common practices that may or may not be applicable to the products described in this manual.

**Safety at All Times**

Thoroughly read and understand the instructions given in this manual before operation. Refer to the “Safety Label” section, read all instructions noted on them. Do not allow anyone to operate this equipment who has not fully read and comprehended this manual and who has not been properly trained in the safe operation of the equipment.

- Operator should be familiar with all functions of the unit.
- Operate implement from the driver’s seat only.
- Make sure all guards and shields are in place and secured before operating implement.
- Do not leave tractor or implement unattended with engine running.
- Dismounting from a moving tractor could cause serious injury or death.
- Do not allow anyone to stand between tractor and implement while backing up to implement.
- Keep hands, feet, and clothing away from power-driven parts.
- Wear snug fitting clothing to avoid entanglement with moving parts.
- Watch out for wires, trees, etc., when raising implement. Make sure all persons are clear of working area.
- Turning tractor too tight may cause implement to ride up on wheels. This could result in injury or equipment damage.
- Do not carry passengers on implement at any time.

**Look For The Safety Alert Symbol**

The SAFETY ALERT SYMBOL indicates there is a potential hazard to personal safety involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control, and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.

**Be Aware of Signal Words**

A Signal word designates a degree or level of hazard seriousness. The signal words are:

- **DANGER** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.
- **WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.
- **CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

**For Your Protection**

- Thoroughly read and understand the “Safety Label” section, read all instructions noted on them.

**Shutdown and Storage**

- Lower machine to ground, put tractor in park, turn off engine, and remove the key.
- Detach and store implements in an area where children normally do not play. Secure implement by using blocks and supports.

---

**Parts Manual QR Locator**

The QR (Quick Reference) code on the front cover and to the left will take you to the Parts Manual for this equipment. Download the appropriate App on your smart phone, open the App, point your phone on the QR code and take a picture.

**Dealer QR Locator**

The QR code on the left will link you to available dealers for Land Pride products. Refer to Parts Manual QR Locator on this page for detailed instructions.
**Important Safety Information**

These are common practices that may or may not be applicable to the products described in this manual.

### Use Safety Lights and Devices
- Slow moving tractors, self-propelled equipment, and towed implements can create a hazard when driven on public roads. They are difficult to see, especially at night.
- Flashing warning lights and turn signals are recommended whenever driving on public roads.

### Transport Machinery Safely
- Comply with state and local laws.
- Maximum transport speed for implement is 20 mph. DO NOT EXCEED. Never travel at a speed which does not allow adequate control of steering and stopping. Some rough terrain require a slower speed.
- Sudden braking can cause a towed load to swerve and upset. Reduce speed if towed load is not equipped with brakes.
- Use the following maximum speed - tow load weight ratios as a guideline:
  - **20 mph** when weight is less than or equal to the weight of tractor.
  - **10 mph** when weight is double the weight of tractor.
- **IMPORTANT**: Do not tow a load that is more than double the weight of tractor.

### Use A Safety Chain
- A safety chain will help control drawn machinery should it separate from the tractor drawbar.
- Use a chain with the strength rating equal to or greater than the gross weight of the towed machinery.
- Attach the chain to the tractor drawbar support or other specified anchor location. Allow only enough slack in the chain to permit turning.
- Do not use safety chain for towing.

### Practice Safe Maintenance
- Understand procedure before doing work. Use proper tools and equipment, refer to Operator's Manual for additional information.
- Work in a clean dry area.
- Lower the implement to the ground, put tractor in park, turn off engine, and remove key before performing maintenance.
- Allow implement to cool completely.
- Do not grease or oil implement while it is in operation.
- Inspect all parts. Make sure parts are in good condition & installed properly.
- Remove buildup of grease, oil, or debris.
- Remove all tools and unused parts from implement before operation.
These are common practices that may or may not be applicable to the products described in this manual.

### Prepare for Emergencies
- Be prepared if a fire starts.
- Keep a first aid kit and fire extinguisher handy.
- Keep emergency numbers for doctor, ambulance, hospital, and fire department near phone.

### Wear Protective Equipment
- Wear protective clothing and equipment appropriate for the job. Avoid loose fitting clothing.
- Prolonged exposure to loud noise can cause hearing impairment or hearing loss. Wear suitable hearing protection such as earmuffs or earplugs.
- Operating equipment safely requires the full attention of the operator. Avoid wearing radio headphones while operating machinery.

### Avoid High Pressure Fluids Hazard
- Escaping fluid under pressure can penetrate the skin causing serious injury.
- Avoid the hazard by relieving pressure before disconnecting hydraulic lines or performing work on the system.
- Make sure all hydraulic fluid connections are tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.
- Use a piece of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.
- Wear protective gloves and safety glasses or goggles when working with hydraulic systems.
- If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be treated within a few hours or gangrene may result.

### Keep Riders Off Machinery
- Riders obstruct the operator’s view, they could be struck by foreign objects or thrown from the machine.
- Never allow children to operate equipment.

### Tire Safety
- Tire changing can be dangerous and should be performed by trained personnel using the correct tools and equipment.
- When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.
- When removing and installing wheels, use wheel handling equipment adequate for the weight involved.

### Handle Chemicals Properly
- Protective clothing should be worn.
- Handle all chemicals with care.
- Follow instructions on container label.
- Agricultural chemicals can be dangerous. Improper use can seriously injure persons, animals, plants, soil, and property.
- Inhaling smoke from any type of chemical fire is a serious health hazard.
- Store or dispose of unused chemicals as specified by the chemical manufacturer.
Safety Labels

Your Post Hole Digger comes equipped with all safety labels in place. They were designed to help you safely operate your implement. Read and follow their directions.

1. Keep all safety labels clean and legible.
2. Refer to this section for proper label placement. Replace all damaged or missing labels. Order new labels from your nearest Land Pride dealer. To find your nearest dealer, visit our dealer locator at www.landpride.com.
3. Some new equipment installed during repair requires safety labels to be affixed to the replaced component as specified by Land Pride. When ordering new components make sure the correct safety labels are included in the request.
4. Refer to this section for proper label placement. To install new labels:
   a. Clean the area the label is to be placed.
   b. Spray soapy water on the surface where the label is to be placed.
   c. Peel backing from label. Press firmly onto the surface.
   d. Squeeze out air bubbles with the edge of a credit card or with a similar type straight edge.

![Moving Parts Label](image1)

**DANGER**

**MOVING PARTS HAZARD**

To prevent serious injury or death from moving parts.

*DO NOT operate with guard missing.*

818-522C Moving Parts Label

![Moving Parts Label](image2)

818-522C Moving Parts Label

![Guard Missing](image3)

818-540C Guard Missing
Important Safety Information

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818-552C
Rotating Driveline

818-646C
Read Manual

838-094C
Warning: High Pressure
The Following Decals are for PD10 Series only.

**818-544C**
To Prevent Serious Injury or Death

**818-646C**
Read Manual

**818-547C**
To Prevent Serious Injury or Death
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Important Safety Information

PD10, PD15, PD25 & PD35 Post Hole Diggers   317-048M  9/04/12

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PD10 Series Digger Only

838-276C
Moving Parts Label

838-298C
Do Not Lean on

Optional Support Stands (PD10, PD15, PD25 & PD35)
Introduction

Land Pride welcomes you to the growing family of new product owners.

This Post Hole Digger has been designed with care and built by skilled workers using quality materials. Proper assembly, maintenance, and safe operating practices will help you get years of satisfactory use from the machine.

Application

Land Pride offers a complete line of three-point hitch mounted & PTO driven Post Hole Diggers that are designed to meet a wide range of customer needs and applications. From 6" post holes to 24" tree balls, and from homeowner landscaping needs to large industrial projects, one of Land Pride’s four models is just right for your application. Depending on your specific needs, our Pengo Brand Augers are offered semi-double and double flighting configuration.

The PD10 Series is just right for Category I three-point attachment for 15 to 30 HP subcompact utility tractors. This unit offers a 30" auger length and choice of 6", 9", & 12" auger flights with cast steel fishtail tips for quick piloting and faster hole starting. Homeowners, landscapers, and rental yards will find this unit very effective for occasional duty and for working and maneuvering in tight spots.

The PD15 Series is designed for Category I three-point attachment for 20 to 40 HP compact utility tractors. The PD15 has a 48" auger length and choice of 6", 9", or 12" auger flights with cast steel fishtail tips. Landscapers, rental yards, contractors, farmers, ranchers, and homeowner will find that the PD15 meets their general duty needs and applications.

The PD25 Series is designed for Category I or II three-point attachment for 25 to 55 HP utility tractors. The PD25 has a 48" auger length and choice of 6", 9", 12", 15", 18", or 24" auger flights with cast steel fishtail tips. Nurseries, tree farms, landscapers, contractors, construction companies, farmers, ranchers, and municipalities will find the PD25 a good fit for their heavy-duty applications.

The PD35 is designed for Category 1 or 2 three-point attachment to 30 -75 HP tractors. This series offers a 48" auger length and choice of 9", 12", 15", 18", or 24" auger flights with cast steel fishtail tips. The PD35 Series is designed to meet the industrial duty applications of landscapers, construction companies, nurseries, ranchers, and farmers.

No matter what your post hole digging needs are, Land Pride has a model to fit your needs and application.

See “Specifications & Capacities” on page 28 and “Features & Benefits” on page 30 for additional information and performance enhancing options.

Using This Manual

• This Operator’s Manual is designed to help familiarize you with safety, assembly, operation, adjustments, troubleshooting, and maintenance. Read this manual and follow the recommendations to help ensure safe and efficient operation.

• The information contained within this manual was current at the time of printing. Some parts may change slightly to assure you of the best performance.

• To order a new Operator’s or Parts Manual contact your authorized dealer. Manuals can also be downloaded, free-of-charge from our website at www.landpride.com.

Terminology

“Right” or “Left” as used in this manual is determined by facing the direction the machine will operate while in use unless otherwise stated.

Definitions

IMPORTANT: A special point of information related to the following topic. Land Pride’s intention is this information must be read & noted before continuing.

NOTE: A special point of information that the operator should be aware of before continuing.

Owner Assistance

The Online Warranty Registration or Warranty Registration card should be completed by the dealer at the time of purchase. This information is necessary to provide you with quality customer service.

The parts on your Post Hole Digger have been specially designed by Land Pride and should only be replaced with genuine Land Pride parts. Contact a Land Pride dealer if customer service or repair parts are required. Your Land Pride dealer has trained personnel, repair parts, and equipment needed to service the implement.
Serial Number

Model No. _____________ Serial No. _______________

For quick reference and prompt service, record model number and serial number in the spaces provided above and again on warranty page 35. Always provide model number and serial number when ordering parts and in all correspondences with your Land Pride dealer. Refer to Figure 1 for location of your serial number plate.

Further Assistance

Your dealer wants you to be satisfied with your new Post Hole Digger. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure he is aware of any problems you may have and that he has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem and request assistance.
3. For further assistance write to:

   Land Pride Service Department
   1525 East North Street
   P.O. Box 5060
   Salina, Ks. 67402-5060

   E-mail address
   lpservicedept@landpride.com
Tractor Requirements
Tractor horsepower should be within the range noted below. Tractors outside the horsepower range must not be used.

Horsepower Rating
   Model PD10 .............................. 15-30 HP
   Model PD15 .............................. 20-40 HP
   Model PD25 .............................. 25-55 HP
   Model PD30 .............................. 30-75 HP

3-Point Hitch Category
   Model PD10 & PD15 ...................... Cat. I
   Model PD25 & PD35 ...................... Cat I or Cat II

Rear PTO Speed ......................... 540 RPM

Frame Assembly
Refer to Figure 1-1:

NOTE: The Post Hole Digger assembly will be easier if a tractor is used.

1. Remove tractor top link assembly. Keep pin and retaining pin for future use.

NOTE: PD15 Only: A 3/4" bushing (#14) is included with all PD15 Post Hole Diggers. Use this bushing when connecting digger boom (#1) to tractor’s top center link point with 3/4" hitch pin. Bushing is omitted in hook-up when using a 1" hitch pin.

2. Attach digger boom (#1) to tractor’s top center link point location using tractor pin and retaining pin.

3. Attach digger yoke (#4) to the tractor’s lower 3-point arms with two 5/16" x 1 3/4" linchpins (supplied by customer).

NOTE: For narrow 3-point tractors, use the yoke’s inner pins when connecting to PD10 & PD15 diggers.

4. Connect sway bars or adjust sway links to retain digger side to side.

5. Rotate boom and yoke upward until pin (#2) can be inserted into the middle hole of the boom, insert pin (#3). The boom and yoke may have to be readjusted to best suit your tractor configuration for hole depth and auger transport clearance, refer to “Depth Adjustments” on page 14.

6. The gearbox and guard assemblies consists of items (#9, #10, & #11) which have been factory assembled.

7. Raise tractor lower links until boom and yoke assembly is approximately 18" above the ground.

8. Position gearbox and guard assembly under the boom assembly. Remove one cotter pin from the hanger pin (#6) in the gearbox. Position gear box and install hanger pin thru both boom and gearbox. Reinstall cotter pin in hanger pin.

DANGER
Assemble all shields on unit and keep in place at all times. Do not operate the Post Hole Digger with any shields missing.

9. The gearbox is shipped without any gear lube. Remove both plugs from the box and with the box level, install SAE90W until lube runs out of the side plug hole. Reinstall plugs.
Driveline Installation

Refer to Figure 1-1:

⚠️ **WARNING**
Damaged drivelines can cause serious injury or death.

⚠️ **CAUTION**
Tractor PTO shield and all Post Hole Digger guards must be in place at all times during operation!

⚠️ **CAUTION**
Always engage parking brake, shut off tractor, and remove key before dismounting from tractor.

**IMPORTANT:** Some tractors are equipped with multi-speed PTO ranges. Be certain your tractor’s PTO is set for 540 rpm.

**IMPORTANT:** Avoid premature driveline breakdown. A driveline that is operating must not exceed an angle of 25 degrees up or down while operating the 3-point lift.

**IMPORTANT:** Always check driveline minimum length during initial setup, and when connecting to a different tractor. More than one driveline may be required to fit all applications.

**IMPORTANT:** It is necessary to aligning the tractor’s PTO shaft level with the Post Hole Digger’s gearbox shaft when checking driveline minimum length. Too long a driveline can damage tractor, gearbox, and driveline.

Checking Driveline Minimum Length

Refer to Figure 1-2:

1. Start tractor and slowly engage 3-point to move lower arms until the Post Hole Digger’s gearbox shaft is approximately level with tractor’s PTO shaft.
2. Slide inner yoke of the driveline over the gearbox shaft and secure with shear bolt.
3. Slide outer yoke of driveline over the tractor PTO shaft and secure with locking collar. Skip to step 5 on page 13 if driveline fits between tractor and Post Hole Digger.
4. The driveline will require shortening if it is too long to fit between tractor and Post Hole Digger. Shorten driveline as follows:
   a. Raise or lower 3-point lower arms until Post Hole Digger and tractor PTO shafts are approximately level with each other. Securely block Post Hole Digger frame in this position.
   b. Set tractor in park, shut tractor engine off, set park brake, and remove switch key.
   c. Pull driveline apart into two sections as shown in Figure 1-2. Attach outer driveline universal joint to the tractor PTO shaft. Attach inner driveline universal joint to the gearbox shaft. Pull on each driveline section to be sure universal joints are secured to the shafts.
   d. Hold driveline sections parallel to each other to determine if they are too long. The inner and outer shields on each section should end approximately 1” short of reaching the universal joint shield on the adjacent section (see “B” dimension). If they are too long, measure 1” (“B” dimension) back from the universal joint shield and make a mark at this location on the inner and outer driveline shields.
   e. Cut off inner shield at mark (“X” dimension). Cut same amount off inner shaft (“X1” dimension). Repeat cut off procedure (“Y” & “Y1” dimensions) to cut outer driveline half.
   f. Remove all burrs and cuttings.

Checking Driveline Maximum Length

Make sure you have gone through the steps in “Checking Driveline Minimum Length” on page 12 before checking maximum length.

Refer to Figure 1-3 on page 13:

The driveline maximum length must, with Post Hole Digger full raised, have a minimum overlap of the profile tubes by not less than 1/2 the free length with both inner and outer profile tubes being of equal length.
Section 1: Assembly & Set-up

5. Apply multi-purpose grease to the inside of the outer driveline shaft and reassemble the two shafts.

6. Position the two driveline shafts with 1/2 overlapping of the profile tubes as shown in Figure 1-3. Measure and record this overall length for checking driveline length in step 15.

7. Attach inner driveline yoke to the Post Hole Digger gearbox shaft with correct shear bolt.

NOTE: The driveline requires the use of a retainer screw to prevent the driveline from coming off the gearbox in the event that the shearbolt is sheared.

8. Install driveline retainer set screw (#12). Turn screw all the way in. Back out no more than 1/8 turn. Secure with hex nut (#13).

9. Attach outer driveline yoke to the tractor’s PTO shaft.

10. The driveline should now be moved back and forth to insure that both ends are secured to the tractor and Post Hole Digger PTO shafts. Reattach any end that is loose.

IMPORTANT: Two small chains are supplied with the driveline. These chains must be attached to outer and inner driveline yoke shields and to the cutter deck and tractor to restrict driveline shields from rotating.

11. Hook one of the driveline safety chains in a hole on the outer driveline yoke shield and the opposite end to the tractor to restrict outer shield rotation.

12. Hook the second driveline safety chain in a hole on the inner driveline yoke shield and the opposite end to the Post Hole Digger to restrict inner shield rotation.

13. Start tractor and raise Post Hole Digger just enough to remove blocks used to support the Post Hole Digger frame in step 4a on page 12.

14. Slowly engage the tractor’s hydraulic 3-point to lower the Post Hole Digger. Check for sufficient drawbar clearance. Move drawbar ahead, aside, or remove if required.

15. Raise and lower implement to find maximum extended driveline length. Check to make certain that the driveline overall length does not extend beyond the maximum recorded length in step 6.

Auger Installation
Refer to Figure 1-4:

WARNING
Do not install a longer shearbolt. A protruding fastener is more likely to grab loose clothing and may cause serious injury or death.

DANGER
Keep all persons away from rotating driveline and rotating auger. Contact with rotating parts may cause serious injury or death.

Slide auger center tube over gearbox output shaft and align holes to install bolts (#2) and Locknuts (#1). Torque hardware to proper torque.

NOTE: The PD10 driveline require an M8 x 1.25 grade 8.8 shearbolt and PD15, PD25 & PD35 drivelines require a 3/8”-16 grade 5 shearbolt. Units with clutched drivelines (PD25 & PD35 only), require a 3/8”-16 grade 5 shearbolt.
Depth Adjustments
(For PD15, PD25, & PD35 Series only)

⚠️ WARNING
Before making any adjustments to this machine, disengage PTO, shut off tractor, and remove key.

Refer to Figure 2-1:
1. With auger attached to the gearbox shaft, lower unit so that the auger tip is resting on the ground.

2. Remove pin (#1) at the boom and yoke tube connection while supporting the digger yoke tube.

3. Reposition boom and yoke tube connection to best suit the type of tractor this unit is used on to achieve a hole depth of 40". If desired hole depth cannot be achieved, an auger extension shaft may need to be used, (sold as an option).

4. If a Land Pride Post Hole Digger Down Pressure Kit is in use and the boom and yoke tube connection has been changed, the down pressure kit will also need to be reset according to information contained in the down pressure kit manual.
Operator’s Responsibilities
Hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training involved in the operation, transport, storage, and maintenance of the blade. Therefore, it is absolutely essential that no one operates the Post Hole Digger without first having read, fully understood, and become totally familiar with the Operator’s Manual. Make sure the operator has completed the Operating Checklist below.

Operating Checklist

<table>
<thead>
<tr>
<th>Check</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Read and follow all Safety Rules carefully. Refer to “Important Safety Information”.</td>
<td>Page 1</td>
</tr>
<tr>
<td>Make sure all guards and shields are in place. Refer to “Important Safety Information”</td>
<td>Page 1</td>
</tr>
<tr>
<td>Read and follow Hook-up &amp; preparation instructions. Refer to “Section 1: Assembly &amp; Set-up”</td>
<td>Page 11</td>
</tr>
<tr>
<td>Read and make all required adjustments. Refer to “Section 2: Adjustments”</td>
<td>Page 14</td>
</tr>
<tr>
<td>Read and follow all operating procedures. Refer to “Section 3: Operating Instructions”</td>
<td>Page 15</td>
</tr>
<tr>
<td>Read and follow all Maintenance Instructions. Refer to “Section 5: Maintenance &amp; Lubrication”</td>
<td>Page 26</td>
</tr>
<tr>
<td>Read and follow all Lubrication Instructions. Refer to “Lubrication Points”</td>
<td>Page 27</td>
</tr>
<tr>
<td>Make sure all gearboxes are properly lubricated. Refer to Gearbox lubrication.</td>
<td>Page 27</td>
</tr>
<tr>
<td>Check digger initially and periodically for loose bolts and pins. Refer to “Torque Values Chart for Common Bolt Sizes”.</td>
<td>Page 34</td>
</tr>
</tbody>
</table>

⚠️ WARNING
Keep all persons away from the rotating driveline and auger. It is the operator’s responsibility not to allow anyone near the Post Hole Digger during its operation. A safe minimum distance from the auger of 20 feet should be maintained by all persons.

⚠️ WARNING
Do not operate PTO over 300 rpm or damage to the Post Hole Digger could result.

⚠️ WARNING
Avoid tipping the tractor over. Never operate on hill sides or sloping ground that will tip the machine over. Make sure the machine is always on firm stable ground.

⚠️ WARNING
Do not install a longer shearbolt. A protruding fastener is more likely to grab loose clothing and may cause serious injury or death.

⚠️ CAUTION
Before digging contact your local utility companies (electrical, telephone, gas, water, sewer, and others) before digging so that they may mark the location of any underground services in the area. Be sure to ask how close you can work to the marks they positioned. Avoid contact with any overhead utility lines or electrically charged conductors.

⚠️ CAUTION
Do not operate the digger when the auger is more than 12” above ground level or the driveline may bind causing injury to the operator and damage to the equipment.

• Do not allow anyone to operate Post Hole Digger who has not been properly trained in its safe operation.
• Do not let children operate the Post Hole Digger.
• Never work under the unit without properly blocking it up.
• Never allow passengers on the tractor or carry a rider on the implement.
• Tether auger with a chain if necessary to stop it from swinging while transporting.
• Use Post Hole Digger for its intended purposes only. Do not use it for pulling, pushing, or lifting objects such as fence post and stumps.
• Before digging, clear area of all objects and debris that could become entangled in the auger.
• Make sure all safety labels are in their proper location and in good condition before operation.
• Keep Post Hole Digger properly attached to the tractor’s 3-point hitch when in use.

⚠️ DANGER
Keep all persons away from the auger while raising or lowering the unit. Making contact with the equipment can pinch and/or entangle one in the unit causing serious injury or death.

⚠️ DANGER
Do not attempt to manually guide the auger point for location or to manually push down on the auger while it is in operation. Do not put anything or anyone on the auger for the purpose of adding weight to the unit. Objects and people can be thrown or become entangled in the unit.

⚠️ DANGER
Keep all drivelines shields, gearbox shields, and auger shields in place and secured when operating to avoid injury or death from becoming entangled in rotating components.
Dual-Angle Teeth

Refer to Figure 3-1 & Figure 3-2:
The Auger is shipped with teeth mounted at 40 degrees (see Figure 3-1). If you are experiencing difficulty in penetrating the soil, they can be turned over and mounted at 50 degrees (see Figure 3-2) for a more aggressive bite. Be sure to tighten all mounting hardware to the proper torque when securing teeth to the Auger. See "Torque Values Chart for Common Bolt Sizes" on page 34 for torque ratings.

Operating Instructions

1. Carry the auger low to the ground while traveling between drilling positions.
2. Position the tractor on the upside of the hill when drilling a hole. This will greatly improve its balance and down force.
3. Experiment with auger speeds before digging. Increase tractor engine speed to increase auger speed and decrease engine speed to reduce auger speed. Run at higher auger speeds when digging in soft and/or sandy soils and at lower auger speeds when digging in hard, rocky, or frozen soils. Never exceed PTO speed of 300 rpm or the equipment can become damaged.
4. Make sure auger rotation is stopped and then lower auger point to the ground.
5. With engine running at a slow speed, start auger turning clockwise. Increase engine speed to desired digging speed.
6. Periodically adjust the machine’s position to keep the auger and hole vertical. Be careful not to damage gearbox or auger.
7. If Down Pressure Kit is installed, apply down pressure to assist penetration into the ground. If auger speed slows or stops, back off down pressure. Excessive down pressure can stall the auger.
8. After penetrating the ground approximately 24”, stop auger rotation and raise it up to remove soil and debris from the hole. Lower auger back down to continue digging. Dig another 24” and again raise auger up except this time keep auger turning to lessen the strain on the equipment. Stop raising auger within 1 to 2 feet of being out of the hole and lower it back down to continue digging. Repeat this procedure until hole is at its final depth.
9. Allow auger to turn several revolutions at final depth. With auger still turning, raise auger up to within 1 to 2 feet of being out of the hole. Stop auger rotation and continue to raise auger out of the hole.
10. Raise auger fully up when transporting from one digging site to the next. Be careful to watch out for people, obstructions, and uneven terrain.

IMPORTANT: Operate one function at a time. Operating two or more functions at a time (lift arms, engine speed, and positioning) can lead to damaged equipment.

IMPORTANT: Avoid side pressure on the auger. This can damage auger and drive components.

IMPORTANT: Always stop auger from rotating before raising it out of the hole. This will keep auger from wobbling with an unbalanced dirt load. Do not reverse auger rotation when raising it up. This will dump soil back into the hole.

IMPORTANT: Stop PTO from turning immediately if auger starts to screw itself into the soil, hits a large obstruction or becomes stalled. Raise auger up to free it and then continue normal digging operations by lowering the auger down slowly. If the auger does not penetrate the obstruction, raise auger out of the hole and remove obstruction by other means or dig a new hole nearby.

It is best to leave drilling through hard rock to premium high pressure drilling equipment or other rock excavation methods.
Section 3: Operating Instructions

General Operation
By now you should have thoroughly read the Operator’s Manual, properly installed the Post Hole Digger onto a tractor, and performed a pre-start and operational running checklist. Before digging, contact the local utility companies to make sure that the planned digging site is safe and free of underground lines. If all of the above has not been done, please stop and do them now. This is a must for your safety and safety of others.

Make sure that the Post Hole Digger is in the raised position and not in contact with the ground before transporting to the work site. You may want to secure the auger with ropes, slings, or chains if you have an extensive distance to travel to prevent swinging and potential damage in transport. Transport to your digging site at a safe speed and in such a manner that faster moving vehicles may pass safely. A slow moving vehicle sign should always be properly displayed when using a public road or right-of-way.

Once you have safely arrived at your digging site, position tractor with auger directly over the spot you want to dig a hole. Lock tractor brakes to prevent rolling while digging.

NOTE: Damage to the gearbox or auger can result if the tractor moves while the auger is in the hole.

Lower the tractor’s three-point hitch to a point where the auger clears the ground by approximately 12” and set the three-point height limit to this position.

With tractor engine at idle, engage PTO, and raise PTO speed to 300 rpm. Using the tractor’s three-point control lever, lower auger into the ground until desired depth is achieved and then raise spinning auger back up to remove loosened soil.

Use an optional alignment handle or a down-pressure kit to make these tasks safer and easier.

Once the hole is completed, disengage PTO, raise auger to a safe height, release park brake, and pull ahead with tractor.

Before dismounting tractor you must always set park brake, lower the three-point attachment to the ground, turn off tractor, and remove ignition key. Always chock tractor wheels for an extra measure of safety if you must park on a hillside. With a little practice and experience you should become very good at operating your Land Pride Post Hole Digger.

See “Specifications & Capacities” on page 28 and “Features & Benefits” on page 30 for additional information on performance and enhancing options.
Auger Options

Refer to Refer to Figure 4-1:

Land Pride offers augers in a variety of sizes to best suit a wide variety of applications: 6", 9", 12", 14" 18", and 24" diameter.

Contact your Land Pride dealer for the auger that best suits your application.

See Section 1, “Assembly & Set-up”, for proper installation.

Auger Bundle Part Number and Description

PD10 Model
- 317-106A . . . . . PD 6" Semi-Double Auger Assembly
- 317-109A . . . . . PD 9" Semi-Double Auger Assembly
- 317-112A . . . . . PD 12" Semi-Double Auger Assembly

PD15, 25 & 35 Models
- 317-030A . . . . . PD 6" Semi-Double Auger Assembly
- 317-033A . . . . . PD 9" Semi-Double Auger Assembly
- 317-036A . . . . . PD 12" Semi-Double Auger Assembly

PD 25 & 35 Models
- 317-037A . . . . . PD 14" Double Auger Assembly
- 317-038A . . . . . PD 18" Double Auger Assembly
- 317-039A . . . . . PD 24" Tree Double Auger Assembly
- 317-040A . . . . . PD 7" Auger Extension Assembly
- 317-041A . . . . . PD 14" Auger Extension Assembly

Torque Limiter Driveline, PD25 & 35

Refer to Figure 4-2:

Land Pride recommends the optional Cat. III Radial Pin torque limiter driveline (Part No. 317-056S) be used on PD25 & PD35 Model Post Hole Diggers that are equipped with 15" and larger augers.

Down Pressure Kits

Refer to Figure 4-3:

The Down Pressure Kit allows for additional digging force in hard soil by use of a hydraulic cylinder to press down on the boom. Down pressure created is between 300 and 500 lbs. depending on mounting configuration.

IMPORTANT: Down Pressure Kits purchased after Dec. 31, 2008 are furnished from the factory with a pressure relief line (See Figure 4-3) for protecting equipment when raising auger up.

An Update Kit, Part No. 317-190A can be purchased from your local Land Pride dealer if your Kit was purchased before Jan. 1, 2009.

Not providing some form of down pressure relief to the hydraulic system can damage the Post Hole Digger and tractor when raising the auger up.

IMPORTANT: Refer to Figure 4-3. Relief valve (#1) is factory set at 1500 psi. and must not be changed. Exceeding this pressure can damage equipment.

WARNING

Be sure to relieve all hydraulic pressure before disconnecting any lines or pipes between the Post Hole Digger and the tractor hydraulic system.

WARNING

Before making any adjustments to your Post Hole Digger, disengage PTO, shut off tractor, and remove ignition key.

DANGER

Escaping hydraulic oil can have extremely high pressure. A stream of high pressure oil can easily penetrate the skin as with modern needle-less vaccination equipment - but with the exception that hydraulic fluid may cause blood poisoning.

It is imperative that all hydraulic connections are tight, and that all lines, and pipes are in good condition. Correct all hydraulic leaks immediately. Use a piece of cardboard or wood rather than hands when searching for hydraulic leaks. If hydraulic fluid is injected into the skin, it must be treated by a doctor within a few hours or gangrene may result.
The down pressure kit is ready for operating after it has been properly installed on the Post Hole Digger (see following pages for Assembly Instructions). This kit should be used only on hard soils where the auger will not penetrate the ground on its own.

Normal digging operations are made with remote control lever for the down pressure cylinder in neutral position. When encountering hard soil, move control lever in the proper direction to apply pressure, and return control lever to neutral position to continue normal digging operations.

**Kit Bundle Part Number, and Description**

- 317-159A . . . . .PD10 Down Pressure Kit
- 317-027A . . . . .PD15 Down Pressure Kit
- 317-028A . . . . .PD25/35 Down Pressure Kit

**PD10 & 15 Down Pressure Assembly**

1. Lower Post Hole Digger until auger point is resting on the ground.

Refer to Figure 4-4:

2. At the boom, and yoke connection, remove cotter pin (#2) from existing clevis pin (#1).

3. Use new pin (#3) in one end as a guide pin to remove clevis pin (#1).

**NOTE:** PD15 boom bracket is supplied with three mounting holes (shown) and PD10 Boom bracket is supplied with only one mounting hole (not shown).

4. Insert new clevis pin (#3) into this same location.

Refer to Figure 4-5:

5. Install cylinder mounting plates (#1 & #2) with bushing tubes at the top pointing towards each other, and with flat washers (#6), and cotter pins (#7) in the correct location at the bottom.

6. Install spacer (#3) between cylinder mounting plates with 1/2"-13 x 5 1/2" GR5 bolt (#4), and lock nut (#5). Draw nut up snuggly, do not tighten.

**Refer to Figure 4-6:**

7. Attach cylinder (#8) between mounting plates (#1 & #2) with pin (#8). Insert both cotter pins (#7) into pin (#8), and bend one or more legs to prevent pin from falling out.

8. Torque 1/2" x 5 1/2" lg bolt (#5) to 76 ft. lbs.

9. Attach clamp plates (#3) to digger boom with 1/2"-13 x 2 1/4" GR5 bolts (#4), and lock nuts (#5). Thread nuts only one or two full turns to allow for easier attachment of down pressure cylinder (#9). Do not tighten nuts (#5) until step 16 on page 20.

10. Fully retract hydraulic cylinder (#9), and connect cylinder to clamp plates with cylinder pin (#11). Secure pin with hairpin clip (#10).
Refer to Figure 4-7:
11. Install hydraulic plumbing using teflon tape to seal pipe threads. Do not tighten connections until after all fittings have been installed.
   a. Connect plug (#3) to rod end of hydraulic cylinder.
   b. Connect straight fitting (#8) to clevis end of hydraulic cylinder.
   c. Connect shuttle tee fitting (#9) to straight fitting.
   d. Connect pressure relief valve (#2) to shuttle tee.
   e. Connect standard tee fitting (#5) to the bottom end of pressure relief valve.
   f. Connect 90° elbow fitting (#4) to remaining port of pressure relief valve.
   g. Connect 3/8" x 15 3/4" bypass line (#7) to shuttle tee (#9) and standard tee (#5).
   h. Connect 3/8" x 84 1/2" pressure line (#6) to 90° elbow fitting (#4).
   i. Connect pressure line (#6) to tractor hydraulic outlet.

**IMPORTANT:** Do not connect return line to tractor remote outlet. Damage will occur to digger frame if not properly hooked up to reservoir or sump.

**NOTE:** Customer to provide return line to sump and fittings to connect return line to tee fitting (#5) and to tractor sump.

   j. Connect customer supplied Return line to tee fitting (#5).
   k. Connect customer supplied return line to reservoir or sump.

Refer to Figure 4-8:
12. Raise Post Hole Digger so that auger tip is 6" to 12" above ground.
13. Set tractor 3-point up-stop to limit auger maximum raised height to 12". Exceeding this height can cause undue stress on PTO driveline and cause driveline damage.

Refer to Figure 4-9:
14. Push top of cylinder mounting plates (#1 & #2) forward toward the tractor until plates have firmly contacted the digger yoke.
15. Make sure cylinder clamp plates (#4) will move fairly free on digger boom and that cylinder (#3) is fully retracted.
16. Extend cylinder (#3) 1/2" and tighten bolts in clamp plates (#4) evenly to 76 ft-lbs.
PD25 & 35 Down Pressure Assembly

Refer to Figure 4-10:
1. Lower Post Hole Digger unit until auger point is resting on the ground.
2. Remove cotter pins (#2) holding boom pivot pin (#3) in place.
3. Partially remove pivot pin to the right side until spacer (#1) can be removed from the left side.

Refer to Figure 4-11:
4. Insert spacer (#1) into hole in down pressure cylinder plate (#5) located on the left side of Post Hole Digger.
5. Place left side cylinder plate with spacer back into pin position. Make sure bushing tube at the top is pointing inward as shown.
6. Push pin (#3) in until pin projects through spacer (#1) and out through yoke mounting bracket on the left side.
7. Repeat steps 3 to 6 for the right side spacer and down pressure cylinder plate (#4).
8. Install spacer (#6) between cylinder mounting plates (#4 & 5).
9. Insert bolt (#7) through cylinder mounting plates (#4 & 5) and spacer (#6). Draw nut up snugly, do not tighten.

Refer to Figure 4-12:
10. Attach cylinder (#9) between cylinder mounting plates (#1 & #2) with pin (#8). Insert both cotter pins (#7) into pin (#8) and bend one or more legs to prevent pin from falling out.
11. Torque 1/2" x 5 1/2" lg bolt (#5) to 76 ft. lbs.
12. Attach clamp plates (#3) to digger boom with 1/2"-13 x 2 1/4" GR5 bolts (#4) and lock nuts (#6). Thread nuts only one or two full turns to allow for easier attachment of down pressure cylinder (#9). Do not tighten nuts (#6) until step 19 on page 22.
13. Fully retract hydraulic cylinder (#9) and connect cylinder to clamp plates with cylinder pin (#11). Secure pin with hairpin clip (#10).
Refer to Figure 4-13:
14. Install hydraulic plumbing using teflon tape to seal pipe threads. Do not tighten connections until after all fittings have been installed.
   a. Connect plug (#3) to rod end of hydraulic cylinder.
   b. Connect straight fitting (#8) to clevis end of hydraulic cylinder.
   c. Connect shuttle tee fitting (#9) to straight fitting.
   d. Connect pressure relief valve (#2) to shuttle tee.
   e. Connect standard tee fitting (#5) to the bottom end of pressure relief valve.
   f. Connect 90° elbow fitting (#4) to remaining port of pressure relief valve.
   g. Connect 3/8" x 15 3/4" bypass line (#7) to shuttle tee (#9) and standard tee (#5).
   h. Connect 3/8" x 84 1/2" pressure line (#6) to 90° elbow fitting (#4).
   i. Connect pressure line (#6) to tractor hydraulic outlet.
   j. Connect customer supplied Return line to tee fitting (#5).
   k. Connect customer supplied return line to reservoir or sump.

IMPORTANT: Do not connect return line to tractor remote outlet. Damage will occur to digger frame if not properly hooked up to reservoir or sump.

NOTE: Customer to provide return line to sump and fittings to connect return line to tee fitting (#5) and to tractor sump.

Refer to Figure 4-14:
15. Raise Post Hole Digger so that auger tip is 6" to 12" above ground.
16. Set tractor 3-point up-stop to limit auger maximum raised height to 12". Exceeding this height can cause undue stress on PTO driveline and cause driveline damage.

Refer to Figure 4-15:
17. Push top of cylinder mounting plates (#1 & # 2) forward toward the tractor until plates have firmly contacted the digger yoke.
18. Make sure cylinder clamp plates (#4) will move fairly free on digger boom and that cylinder (#3) is fully retracted.
19. Extend cylinder (#3) 1/2" and tighten bolts in clamp plates (#4) evenly to 76 ft-lbs.
Storage Stand, PD10
Part No. 317-166A

Refer to Figure 4-16:
The optional storage stand may be used when PD10 Post Hole Digger is not in operation. It will help prolong digger's life by keeping the unit off the ground where moisture and debris are more likely to collect causing undue damage to the digger. Also, the storage stand aids in mounting and dismounting the Post Hole Digger to and from the tractor.

Storage Stand Assembly
Refer to Figure 4-17:
The Storage Stand Assembly consists of an A-frame storage stand (#7), clamping knobs (#13), cradle (#5), and a bag of (4) - 5/16" x 3/4" long bolts.

1. Unscrew locknuts (#10) and remove 1/2"-13 x 3 1/2" GR5 hex head bolts (#9). Slide auger (#1) off of gearbox output shaft.
2. Remove existing hex head cap screws (#8), lockwashers (#11), and flat washers (#12) from underside of gearbox and remove auger guard (#3).
3. Position cradle (#5) between auger guard (#3) and gearbox (#14). Make sure cradle pins (#2) are positioned to the back as shown.
4. Use four new bolts (#8), lock washers (#11), and flat washers (#12) in hardware bag to attach cradle (#5), and existing guard (#3) to gearbox (#14).
5. Reattach auger to gearbox output shaft with existing auger bolts (#9) and locknuts (#10).

Storage Stand Operation
Refer to Figure 4-17:
Lower auger tip to the ground at the location you plan to disconnect the Post Hole Digger from the tractor. Set tractor park brakes, turn tractor engine off, and remove ignition key before dismounting tractor. Always chock tractor wheels for an extra measure of safety if you stop on a gentle slope.

NOTE: Do not disconnect Post Hole Digger from a tractor on a steep slope. Injury to personnel and equipment may result.

Attach storage stand (#7) to cradle (#5).
1. Make certain guide slots (#6) at end of storage stand are securely positioned over cradle pins (#2). Secure storage stand to cradle with clamping knobs (#13).
2. Without starting the tractor, lower boom (#4) to rest yoke hitch pins securely in support angles on the storage stand. Some adjustment to the support angles may be required.
3. Disconnect three-point hitch.
4. Start tractor and drive away being careful not to catch on the Post Hole Digger and Storage Stand.
Storage Stand, PD15, 25, & 35  
Part No. 317-142A  

Refer to Figure 4-18:  
The optional storage stand may be used when the PD15, PD25, and PD35 Post Hole Digger is not in operation. It will help prolong digger’s life by keeping the unit off the ground where moisture and debris are more likely to collect causing undue damage to the digger. Also, the storage stand design aids in mounting and dismounting the Post Hole Digger to and from the tractor.

Storage Stand Assembly  
Refer to Figure 4-19:  
The Storage Stand Assembly consists of an A-frame storage stand (#4), clamping knobs (#11), cradle (#5), and a bag of (4) - 3/8"-16 x 1" long GR5 bolts:

1. Unscrew locknuts (#8) and remove 1/2"-13 x 3 1/2" GR5 hex head bolts (#7). Slide auger (#13) off of gearbox output shaft.
2. Remove existing hex head cap screws (#6), lockwashers (#10), and flat washers (#9) from underside of gearbox and remove auger guard (#1).
3. Position cradle (#5) between auger guard (#1) and gearbox (#12). Make sure cradle pins (#3) are positioned to the back as shown.
4. Use four new bolts (#6), lock washers (#10), and flat washers (#9) in hardware bag to attach cradle (#5) and existing guard (#1) to gearbox (#12).
5. Reattach auger to gearbox output shaft with existing auger bolts (#7) and locknuts (#8).

Storage Stand Operation  
Refer to Figure 4-19:  
Lower auger tip to the ground at the location you plan to disconnect the Post Hole Digger from the tractor. Set tractor park brakes, turn tractor engine off, and remove ignition key before dismounting tractor. Always chock tractor wheels for an extra measure of safety if you stop on a gentle slope.

NOTE: Do not disconnect Post Hole Digger from a tractor on a steep slope. Injury to personnel and equipment may result.

Attach storage stand (#4) to cradle (#5).
1. Make certain guide slots (#2) at end of storage stand are securely positioned over cradle pins (#3). Secure storage stand to cradle with clamping knobs (#11).
2. Without starting the tractor, lower boom (#14) to rest yoke hitch pins securely in support angles on the storage stand. Some adjustment to the support angles may be required.
3. Disconnect 3-point hitch.
4. Start tractor and drive away being careful not to catch on the Post Hole Digger and Storage Stand.
Alignment Handle, PD10
Part No. 317-162A

Refer to Figure 4-20:
The alignment handle, mounted to the gearbox or PTO shield, enables the operator to position the auger tip on the ground from the tractor seat. Mount handle in location suitable to the operator. Raise handle to move auger tip toward the tractor or lowering handle to move auger tip away from the tractor.

**NOTE:** Only the tractor operator should position the auger tip.

The alignment handle is bolted to the gearbox as shown below with two hex head bolts and lockwashers. Tighten according to the “Torque Values Chart for Common Bolt Sizes” on page 34.

Before using, check alignment handle for interferences with tractor and tractor operator. Its height, due to various tractor sizes and configurations, may need to be adjusted. If necessary, bend alignment handle arm up or down to a height that will accommodate tractor operator.

Also, the arm may need to be cut-off at the grip end to prevent it from interfering with both tractor operator and tractor. First remove handle grip and then cut arm off to an acceptable length. Remove all burs and replace grip.

---

Alignment Handle, PD15, 25, & 35
Part No. 317-042A

Refer to Figure 4-21:
The alignment handle, mounted to the driveline guard, enables the operator to position the auger tip from the tractor seat. Raise handle to move auger tip toward the tractor or lowering handle to move auger tip away from the tractor.

**NOTE:** Only the tractor operator should position the auger tip.

The alignment handle is bolted to the PTO guard as shown below with two hex head bolts and lockwashers. Tighten according to the “Torque Values Chart for Common Bolt Sizes” on page 34.

Before using, check alignment handle for interferences with tractor and tractor operator. Its height, due to various tractor sizes and configurations, may need to be adjusted. The adjustment, if necessary, is made by removing the bottom fasteners and rotating the handle either up or down to the desired position. Reinstall fasteners and retighten according to the “Torque Values Chart for Common Bolt Sizes” on page 34.

Also, the arm may need to be cut-off at the grip end to prevent it from interfering with both tractor operator and tractor. First remove handle grip and then cut arm off to an acceptable length. Remove all burs and replace grip.
General
Proper servicing and adjustment is the key to long life of any implement. Careful systematic inspection and lubrication will avoid many costly repairs and downtime.

⚠️ WARNING
Before performing any maintenance to this machine, disengage PTO, shut off tractor, and remove ignition key.

⚠️ DANGER
Keep all persons away from rotating driveline and rotating auger. Contact with rotating parts may cause serious injury or death. Keep all shields in place and secure when operating.

Securely block raised equipment before working under or around it.

Read and obey all safety labels on the digger when working on it.

Do not allow anyone to operate or perform maintenance on this implement who has not been properly trained in its safe operation.

1. After each use of the digger, inspect auger for loose, worn, or damaged teeth, tip, flighting, and auger to gearbox shaft bolts and nuts.
2. Keep cutting edges sharp. Sharp cutting edges dig easier and better.

3. Maintain driveline shearbolt at all times. A damaged shearbolt can result in severe damage to the unit. PD10 drivelines require an M8 x 1.25 grade 8.8 shearbolt and PD15, PD25 & PD35 drivelines require a 3/8"-16 grade 5 shearbolt.

NOTE: The Post Hole Digger drivelines require the use of a retainer screw to prevent the driveline from coming off the gearbox in the event that the shearbolt is sheared. PD10 drivelines require an M8 x 1.25 grade 8.8 shearbolt and PD15, PD25 & PD35 drivelines require a 3/8"-16 grade 5 shearbolt.

IMPORTANT: Units with clutched drivelines (PD25 & PD35 only), require a 3/8"-16 grade 5 shearbolt.

⚠️ WARNING
Do not install a longer shearbolt. A protruding fastener is more likely to grab loose clothing and may cause serious injury or death.

4. Always maintain driveline u-joints and inner/outer tube lubrication, see the Driveline U-Joints lubrication illustration that follows.

5. Check gearbox fluid level periodically. If fluid is required refer to the Gear Lube Fluid Level lubrication illustration that follows.
Lubrication Points

**Gearbox Input and Output Shafts**

Type of Lubrication: Multi-purpose grease  
Quantity = Light film

**Gear Lube Fluid Level**

Type of Lubrication: SAE 90W Multi-purpose Lube  
Quantity = With gearbox level check oil in box by removing plug from side. If oil level is low, remove top plug and fill with lube until fluid flows from side port. Do not overfill.

**Driveline U-Joints**

Type of Lubrication: Multi-purpose grease  
Quantity = 2-4 pumps

**Driveline Profiles**

Type of Lubrication: Multi-purpose Grease  
Quantity = Disconnect driveline from tractor and slide apart. Clean and coat inner tube of driveline with a light film of grease, then reassemble.
### PD10 and PD15 Series Post Hole Diggers

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<td>15 to 30 HP</td>
<td>20 to 40 HP</td>
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<tr>
<td><strong>Weight Without Auger</strong></td>
<td>120 lbs.</td>
<td>161 lbs.</td>
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<td>540 RPM 3.18:1 Ratio</td>
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<tr>
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<td>3.4 Pints of SAE80-90W EP oil</td>
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<td><strong>Output Shaft</strong></td>
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<td>2 7/8&quot; O.D.</td>
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<tr>
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<td>2 7/8&quot; O.D.</td>
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#### Options and Accessories

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<td><strong>Cat. III Torque Limiter Driveline</strong></td>
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<tr>
<td><strong>Hydraulic Down Pressure Kit</strong></td>
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![PD10 & PD15 Overall Dimensional Drawing](image)
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Section 6: Specifications & Capacities

PD25 and PD35 Series Post Hole Diggers

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<td>Weight Without Auger</td>
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<td>233 lbs.</td>
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</tr>
<tr>
<td>Auger Flight Thickness</td>
<td>1/4”</td>
<td></td>
</tr>
<tr>
<td>Auger Pipe</td>
<td>2 1/2” ID</td>
<td></td>
</tr>
<tr>
<td>Auger Tooth Construction</td>
<td>Forged, Individually Replaceable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>40 Degree angle installed on flat side</td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 Degree angle installed on angled side</td>
<td></td>
</tr>
<tr>
<td>Number of Teeth</td>
<td>(6” - 2 teeth)</td>
<td>(9” &amp; 12” - 4 teeth)</td>
</tr>
<tr>
<td></td>
<td>(15” - 5 teeth)</td>
<td>(18” - 6 teeth)</td>
</tr>
<tr>
<td></td>
<td>(24” - 8 teeth)</td>
<td></td>
</tr>
<tr>
<td>Pilot</td>
<td>Cast steel, 3 drill points</td>
<td></td>
</tr>
<tr>
<td>Driveline Cat.</td>
<td>Cat. III Shear bolt - Standard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cat. III Radial pin clutch - Optional (Recommended on Auger Sizes 15” and above.)</td>
<td></td>
</tr>
<tr>
<td>Maximum Operating PTO Speed</td>
<td>300 RPM</td>
<td></td>
</tr>
<tr>
<td>Gearbox</td>
<td>540 RPM 3:18:1 Ratio</td>
<td>540 RPM 4:1 Ratio</td>
</tr>
<tr>
<td>Gearbox Oil Capacity &amp; Type</td>
<td>4.6 Pints of SAE80-90W EP oil</td>
<td>9.1 Pints of SAE80-90W EP oil</td>
</tr>
<tr>
<td>Output Shaft</td>
<td>2” O.D. Round</td>
<td></td>
</tr>
<tr>
<td>3-Point Hitch Cat.</td>
<td>Cat. I &amp; II</td>
<td></td>
</tr>
<tr>
<td>Boom Tube</td>
<td>3 1/2” O.D.</td>
<td>3 1/2” O.D.</td>
</tr>
<tr>
<td>Yoke Tube</td>
<td>2 7/8” O.D.</td>
<td></td>
</tr>
</tbody>
</table>

Options and Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auger Sizes (Options)</td>
<td>6”, 9”, 12”, 14”, 18”, or 24”</td>
</tr>
<tr>
<td>Auger Extensions (Accessories)</td>
<td>7” &amp; 14” Extensions Available</td>
</tr>
<tr>
<td>Cat. III Torque Limiter Driveline</td>
<td>Available</td>
</tr>
<tr>
<td>Hydraulic Down Pressure Kit</td>
<td>Available</td>
</tr>
<tr>
<td>Storage Stand</td>
<td>Available</td>
</tr>
</tbody>
</table>

Options for PD25 and PD35:

- PD25: 78 1/8”
- PD35: 79 3/8”

Overall Dimensional Drawing:

- PD25/35 = 33 1/4”
- PD25 & PD35 = 68 1/2” w/ 12” Auger
### PD10 Model

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shorter yoke and boom tubing</td>
<td>Allows Post Hole Digger to be used on sub compact utility tractors (i.e. BX Kubota).</td>
</tr>
<tr>
<td>2 7/8” Yoke tubing</td>
<td>3/16” Wall thickness for strength.</td>
</tr>
<tr>
<td>Auger length</td>
<td>30” Auger.</td>
</tr>
<tr>
<td>Auger flighting</td>
<td>1/4” Flighting, Semi-double flight.</td>
</tr>
<tr>
<td>Replaceable hardened steel points on auger</td>
<td>Hardened points will last longer than non-hardened. Points can easily be replaced when worn or damaged. Cast steel auger fishtail tips.</td>
</tr>
<tr>
<td>Gearbox HP rating</td>
<td>15 to 30 Horsepower.</td>
</tr>
<tr>
<td>2” Output shaft</td>
<td>2” tackles the torque loads that can be transmitted from hard ground. Fairly standard size for the industry, fits many competitive augers.</td>
</tr>
<tr>
<td>3 Year gearbox warranty</td>
<td>Shows our confidence in the gearbox integrity.</td>
</tr>
<tr>
<td>Down pressure kit (optional)</td>
<td>Allows additional force to be supplied, hydraulically, to the beam to help force digger into the ground.</td>
</tr>
<tr>
<td>Alignment handle (optional)</td>
<td>Helps guide the auger from the tractor seat.</td>
</tr>
<tr>
<td>Post Hole Digger stand (optional)</td>
<td>Bracket mounted to bottom of gearbox can incorporate a Post Hole digger stand. This allows operator to hook up and unhook from tractor more safely. Stand supports unit and will store unit when it is not on the tractor.</td>
</tr>
</tbody>
</table>

### PD15 Model

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 7/8” Yoke tubing</td>
<td>3/16” Wall thickness for strength.</td>
</tr>
<tr>
<td>Auger length</td>
<td>48” Auger.</td>
</tr>
<tr>
<td>Auger flighting</td>
<td>1/4” Flighting, Semi-double flight.</td>
</tr>
<tr>
<td>Replaceable hardened steel points on auger</td>
<td>Hardened points will last longer than non-hardened. Points can easily be replaced when worn or damaged. Cast steel auger fishtail tips.</td>
</tr>
<tr>
<td>Gearbox HP rating</td>
<td>20 to 40 Horsepower.</td>
</tr>
<tr>
<td>2” Output shaft</td>
<td>2” tackles the torque loads that can be transmitted from hard ground. Fairly standard size for the industry, fits many competitive augers.</td>
</tr>
<tr>
<td>5 Year gearbox warranty</td>
<td>Shows our confidence in the gearbox integrity.</td>
</tr>
<tr>
<td>Down pressure kit (optional)</td>
<td>Allows additional force to be supplied, hydraulically, to the beam to help force digger into the ground.</td>
</tr>
<tr>
<td>Alignment handle (optional)</td>
<td>Helps guide the auger from the tractor seat.</td>
</tr>
<tr>
<td>Post Hole Digger stand (optional)</td>
<td>Bracket mounted to bottom of gearbox can incorporate a Post Hole digger stand. This allows operator to hook up and unhook from tractor more safely. Stand supports unit and will store unit when it is not on the tractor.</td>
</tr>
</tbody>
</table>
## PD25 & PD35 Model

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat. 1 or 2 Hitch</td>
<td>Fits a wider variety of tractors by fitting Cat. 1 &amp; 2.</td>
</tr>
<tr>
<td>2 7/8&quot; Yoke Tubing</td>
<td>3/16&quot;+ Wall thickness for strength.</td>
</tr>
<tr>
<td>3 1/2&quot; Reinforced boom tubing</td>
<td>7/32&quot; Wall tubing for strength.</td>
</tr>
<tr>
<td>Auger flighting</td>
<td>Constant thickness on 1/4&quot; flighting vs. tapered.</td>
</tr>
<tr>
<td>Replaceable hardened steel points on auger</td>
<td>Hardened points will last longer than non-hardened. Points can easily be replaced when worn or damaged. Cast steel auger fishtail tips.</td>
</tr>
<tr>
<td>Gearbox HP rating</td>
<td>25 Series: 25-55 HP and 35 Series: 30-75 HP.</td>
</tr>
<tr>
<td>2&quot; Output shaft</td>
<td>Fits most other auger manufacturers for users who don’t need a new auger.</td>
</tr>
<tr>
<td>5 Year gearbox warranty</td>
<td>Shows our confidence in the gearbox integrity.</td>
</tr>
<tr>
<td>Cat. 3 driveline with shear-pin or optional radial pin clutch</td>
<td>Protection against obstructions. Radial pin works like a ‘ratchet’ to continually put driving force on the auger in tough conditions.</td>
</tr>
<tr>
<td>Alignment handle (optional)</td>
<td>Guide the auger from the tractor seat.</td>
</tr>
<tr>
<td>Down pressure kit (optional)</td>
<td>Allows additional force to be supplied, hydraulically, to the beam to help force digger into the ground.</td>
</tr>
<tr>
<td>Post Hole Digger stand (optional)</td>
<td>Bracket mounted to bottom of gearbox can incorporate a Post Hole Digger stand. This allows operator to hook up and unhook from tractor more safely. Stand supports unit and will store unit when it is not on the tractor.</td>
</tr>
</tbody>
</table>

## PD Support Stand - Optional

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fits existing and current Land Pride Post Hole Diggers</td>
<td>Can be purchased for older models.</td>
</tr>
<tr>
<td>Quick disconnect</td>
<td>Easy on and off design.</td>
</tr>
<tr>
<td>3 Point hook up</td>
<td>Design makes it possible to back up to the Post Hole digger with a tractor and hook up and disconnect with ease and safety.</td>
</tr>
<tr>
<td>Storage capabilities</td>
<td>Digger stand allows Post Hole digger to be stored safely and efficiently. The stand allows easy hook up in future use.</td>
</tr>
</tbody>
</table>
# Troubleshooting Chart

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auger will not dig</td>
<td>Teeth are dull.</td>
<td>Sharpen or replace teeth.</td>
</tr>
<tr>
<td></td>
<td>Auger is turning too fast and bouncing.</td>
<td>Reduce PTO speed. Never exceed 300 RPM.</td>
</tr>
<tr>
<td></td>
<td>Auger is encountering rocks, roots, or other obstructions.</td>
<td>Lift auger from hole and remove obstruction or change location.</td>
</tr>
<tr>
<td></td>
<td>Driveline torque limiter is not engaging.</td>
<td>Have torque limiter serviced.</td>
</tr>
<tr>
<td>Auger digs so far, but will not dig deeper</td>
<td>PTO driveline assembly “Bottoms Out” and does not allow auger to lower any further.</td>
<td>Remove auger from digger and lower digger for inspection. Gearbox should lower to the ground; if not, PTO driveline assembly may need to be shortened. Maintain 1/2 overlap of driveline tubes.</td>
</tr>
<tr>
<td></td>
<td>Soil could have hardpan layer below surface.</td>
<td>Use optional Down Pressure Kit to assist pushing auger into the ground.</td>
</tr>
<tr>
<td>Post Hole Digger sways side to side</td>
<td>No sway bars or sway blocks on tractor.</td>
<td>Add stabilizers to lower 3-point lift arms.</td>
</tr>
<tr>
<td></td>
<td>Lift arms not adjusted evenly.</td>
<td>Adjust lift arms to be level with each other.</td>
</tr>
<tr>
<td></td>
<td>Post Hole Digger is mounted with excessive looseness in the hitch connecting pins.</td>
<td>Use proper size pins or bushings.</td>
</tr>
<tr>
<td>Auger is bent and/or auger flighting is bent</td>
<td>Tractor moved on its own while auger was in the hole.</td>
<td>Always make sure gear selector is in neutral or park and brakes are set.</td>
</tr>
<tr>
<td></td>
<td>Operator moved tractor excessively with auger in hole to try to straighten hole being dug at an angle.</td>
<td>Be careful not to damage gearbox or auger when moving the tractor. While digging, move tractor in small increments to keep the hole straight.</td>
</tr>
<tr>
<td></td>
<td>Auger is encountering rock, roots, or other obstructions.</td>
<td>Lift auger from hole and remove obstruction or change location.</td>
</tr>
<tr>
<td></td>
<td>Shearbolt has been replaced with a harder bolt.</td>
<td>PD10: Use M8 grade 8.8 metric shearbolt. PD15, 25 &amp; 35: Use 3/8” grade 5 shearbolt.</td>
</tr>
<tr>
<td></td>
<td>Driveline torque limiter is seized up.</td>
<td>Have torque limiter serviced.</td>
</tr>
<tr>
<td>Auger screws itself into the ground</td>
<td>Operator did not lower 3-point hitch to the ground slowly.</td>
<td>Lower 3-point hitch slowly to ground.</td>
</tr>
<tr>
<td></td>
<td>Faulty tractor hydraulics for the 3-point hitch.</td>
<td>Repair hydraulic for the 3-point hitch.</td>
</tr>
<tr>
<td></td>
<td>Tractor is too small to handle the Post Hole Digger</td>
<td>Mount Post Hole Digger on a larger tractor.</td>
</tr>
<tr>
<td>Driveline comes off input shaft of gearbox</td>
<td>Shearbolt is broken and retainer screw is missing in driveline yoke at the gearbox input shaft.</td>
<td>Replace shearbolt and retainer screw with jamb nut at the driveline yoke.</td>
</tr>
<tr>
<td>Driveline is damaged</td>
<td>Raising auger too high with PTO engaged causing excessive joint operating angle.</td>
<td>Stop driveline rotation before raising auger too high.</td>
</tr>
<tr>
<td></td>
<td>Auger swings while moving from hole to hole with PTO engaged causing excessive PTO joint operating angle.</td>
<td>Stop driveline rotation before moving tractor.</td>
</tr>
<tr>
<td></td>
<td>Having to raise the auger with an extension too high in order to remove it from the hole causing excessive joint operating angle.</td>
<td>Stop driveline rotation while auger is still in the hole and before the Post Hole Digger is too high to cause drive line damage.</td>
</tr>
<tr>
<td></td>
<td>Shearbolt has been replaced with a harder bolt.</td>
<td>PD10: Use M8 grade 8.8 metric shearbolt. PD15, 25 &amp; 35: Use 3/8” grade 5 shearbolt.</td>
</tr>
<tr>
<td></td>
<td>Driveline has not been properly lubricated.</td>
<td>Lubricate driveline per instructions.</td>
</tr>
<tr>
<td></td>
<td>PTO was engaged while tractor engine was running at high RPM.</td>
<td>Slow engine down to an idle before engaging PTO.</td>
</tr>
<tr>
<td></td>
<td>Driveline contacts ground before hole is completely dug.</td>
<td>Pin boom to yoke per “Depth Adjustment” instructions. May Need to use an extension.</td>
</tr>
<tr>
<td></td>
<td>Operating PTO at high RPM.</td>
<td>Never Run PTO above 300 RPM.</td>
</tr>
<tr>
<td></td>
<td>Driveline torque limiter is seized up.</td>
<td>Have torque limiter serviced.</td>
</tr>
</tbody>
</table>
## Troubleshooting Chart

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gearbox is damaged</td>
<td>No oil in Gearbox.</td>
<td>Check oil level in gearbox per instructions.</td>
</tr>
<tr>
<td></td>
<td>Oil not changed per instructions.</td>
<td>Change oil per instructions.</td>
</tr>
<tr>
<td></td>
<td>Shearbolt has been replaced with a harder bolt.</td>
<td>PD10: Use M8 grade 8.8 metric shearbolt. PD15, 25 &amp; 35: Use 3/8&quot; grade 5 shearbolt.</td>
</tr>
<tr>
<td></td>
<td>Driveline torque limiter is seized up.</td>
<td>Have torque limiter serviced.</td>
</tr>
</tbody>
</table>
# Section 9: Torque Values Chart

## Torque Values Chart for Common Bolt Sizes

<table>
<thead>
<tr>
<th>Bolt Size (Inches)</th>
<th>Bolt Head Identification</th>
<th>Grade 2</th>
<th>Grade 5</th>
<th>Grade 8</th>
<th>Bolt Head Identification</th>
<th>5.8 Class</th>
<th>8.8 Class</th>
<th>10.9 Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>N·m</td>
<td>ft-lb</td>
<td>N·m</td>
<td>ft-lb</td>
<td>mm x pitch</td>
<td>N·m</td>
<td>ft-lb</td>
</tr>
<tr>
<td>1/4&quot; - 20</td>
<td></td>
<td>7.4</td>
<td>5.6</td>
<td>11</td>
<td>8</td>
<td>16</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>1/4&quot; - 28</td>
<td></td>
<td>8.5</td>
<td>6</td>
<td>13</td>
<td>10</td>
<td>18</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>5/16&quot; - 18</td>
<td></td>
<td>15</td>
<td>11</td>
<td>24</td>
<td>17</td>
<td>33</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>5/16&quot; - 24</td>
<td></td>
<td>17</td>
<td>13</td>
<td>26</td>
<td>19</td>
<td>37</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>3/8&quot; - 16</td>
<td></td>
<td>27</td>
<td>20</td>
<td>42</td>
<td>31</td>
<td>59</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>3/8&quot; - 24</td>
<td></td>
<td>31</td>
<td>22</td>
<td>47</td>
<td>35</td>
<td>67</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>7/16&quot; - 14</td>
<td></td>
<td>43</td>
<td>32</td>
<td>67</td>
<td>49</td>
<td>95</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>7/16&quot; - 20</td>
<td></td>
<td>49</td>
<td>36</td>
<td>75</td>
<td>55</td>
<td>105</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>1/2&quot; - 13</td>
<td></td>
<td>66</td>
<td>49</td>
<td>105</td>
<td>76</td>
<td>145</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>1/2&quot; - 20</td>
<td></td>
<td>75</td>
<td>55</td>
<td>115</td>
<td>85</td>
<td>165</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; - 12</td>
<td></td>
<td>95</td>
<td>70</td>
<td>150</td>
<td>110</td>
<td>210</td>
<td>155</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; - 18</td>
<td></td>
<td>105</td>
<td>79</td>
<td>165</td>
<td>120</td>
<td>235</td>
<td>170</td>
<td></td>
</tr>
<tr>
<td>5/8&quot; - 11</td>
<td></td>
<td>130</td>
<td>97</td>
<td>205</td>
<td>150</td>
<td>285</td>
<td>210</td>
<td></td>
</tr>
<tr>
<td>5/8&quot; - 18</td>
<td></td>
<td>150</td>
<td>110</td>
<td>230</td>
<td>170</td>
<td>325</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>3/4&quot; - 10</td>
<td></td>
<td>235</td>
<td>170</td>
<td>360</td>
<td>265</td>
<td>510</td>
<td>375</td>
<td></td>
</tr>
<tr>
<td>3/4&quot; - 16</td>
<td></td>
<td>260</td>
<td>190</td>
<td>405</td>
<td>295</td>
<td>570</td>
<td>420</td>
<td></td>
</tr>
<tr>
<td>7/8&quot; - 9</td>
<td></td>
<td>225</td>
<td>165</td>
<td>585</td>
<td>430</td>
<td>820</td>
<td>605</td>
<td></td>
</tr>
<tr>
<td>7/8&quot; - 14</td>
<td></td>
<td>250</td>
<td>185</td>
<td>640</td>
<td>475</td>
<td>905</td>
<td>670</td>
<td></td>
</tr>
<tr>
<td>1&quot; - 8</td>
<td></td>
<td>340</td>
<td>250</td>
<td>875</td>
<td>645</td>
<td>1230</td>
<td>910</td>
<td></td>
</tr>
<tr>
<td>1&quot; - 12</td>
<td></td>
<td>370</td>
<td>275</td>
<td>955</td>
<td>705</td>
<td>1350</td>
<td>995</td>
<td></td>
</tr>
<tr>
<td>1-1/8&quot; - 7</td>
<td></td>
<td>480</td>
<td>355</td>
<td>1080</td>
<td>795</td>
<td>1750</td>
<td>1290</td>
<td></td>
</tr>
<tr>
<td>1-1/8&quot; - 12</td>
<td></td>
<td>540</td>
<td>395</td>
<td>1210</td>
<td>890</td>
<td>1960</td>
<td>1440</td>
<td></td>
</tr>
<tr>
<td>1-1/4&quot; - 7</td>
<td></td>
<td>680</td>
<td>500</td>
<td>1520</td>
<td>1120</td>
<td>2460</td>
<td>1820</td>
<td></td>
</tr>
<tr>
<td>1-1/4&quot; - 12</td>
<td></td>
<td>750</td>
<td>555</td>
<td>1680</td>
<td>1240</td>
<td>2730</td>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>1-3/8&quot; - 6</td>
<td></td>
<td>890</td>
<td>655</td>
<td>1990</td>
<td>1470</td>
<td>3230</td>
<td>2380</td>
<td></td>
</tr>
<tr>
<td>1-3/8&quot; - 12</td>
<td></td>
<td>1010</td>
<td>745</td>
<td>2270</td>
<td>1805</td>
<td>3680</td>
<td>2710</td>
<td></td>
</tr>
<tr>
<td>1-1/2&quot; - 6</td>
<td></td>
<td>1180</td>
<td>870</td>
<td>2640</td>
<td>1950</td>
<td>4290</td>
<td>3160</td>
<td></td>
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1. in-tpi = nominal thread diameter in inches-threads per inch
2. N·m = newton-meters
3. ft-lb = foot pounds
4. mm x pitch = nominal thread diameter in millimeters x thread pitch

Torque tolerance + 0%, -15% of torquing values. Unless otherwise specified use torque values listed above.
Warranty

Land Pride warrants to the original purchaser that this Land Pride product will be free from defects in material and workmanship beginning on the date of purchase by the end user according to the following schedule when used as intended and under normal service and conditions for personal use.

Overall Unit and Driveline: One year Parts and Labor
Auger: One year (Somewhat considered a wear item.)
Gearbox: PD15, 25 & 35 Series: 5 years Parts & Labor
Gearbox: PD10 Series: 3 years Parts & Labor

This Warranty is limited to the replacement of any defective part by Land Pride and the installation by the dealer of any such replacement part, and does not cover common wear items. Land Pride reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

This Warranty does not apply to any part or product which in Land Pride’s judgment shall have been misused or damaged by accident or lack of normal maintenance or care, or which has been repaired or altered in a way which adversely affects its performance or reliability, or which has been used for a purpose for which the product is not designed. Misuse also specifically includes failure to properly maintain oil levels, grease points, and driveline shafts.

Claims under this Warranty should be made to the dealer which originally sold the product and all warranty adjustments must be made through an authorized Land Pride dealer. Land Pride reserves the right to make changes in materials or design of the product at any time without notice.

This Warranty shall not be interpreted to render Land Pride liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, Land Pride shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss of crops, any expense or loss for labor, supplies, rental machinery or for any other reason.

No other warranty of any kind whatsoever, express or implied, is made with respect to this sale; and all implied warranties of merchantability and fitness for a particular purpose which exceed the obligations set forth in this written warranty are hereby disclaimed and excluded from this sale.

This Warranty is not valid unless registered with Land Pride within 30 days from the date of purchase by the end user.