

Ship To: IN STORE PICKUP

Invoice To:



## **SERVICE INVOICE**

STK#/FLEET#

E009168

JT20 Horizontal Dr

HRS PIN/EIN W. 3438 DWPJT20BPK0000226

WARRANTY DATE

HRS

JT20

12353643

SEGMENT# 1 C CUST NA

NO PULLBACK

## **COMPLAINT:**

Thrust motor has no power on pull back and is making some bad noises.

#### CORRECTION:

- 1. Pinon bearings on carriage. Bent brackets/hardlines will make assembly difficult.
- 2. Multiple broken & loose side plate & bearing housing bolts.
- 3. Left track rotates when two speed is used or carriage is deadheaded. Got debris out of valve, cleaned and ran again, working as it should.
- 4. Carriage rollers are mostly bad. Three roller on top of the carriage are tight and two on the bottom are tight.
- 5. Needs new pinon bearings in the front and the rear bearings are getting sloppy, all should be replaced.

\_\_\_\_\_\_

Pulled the carriage completely apart. Washed all pieces and inspected. Both side plates had broken bolts leading to cracks in the side plates. Cut out all the cracks and rewelded side plates. Installed new bearings in both front and rear pinon drives. Installed six new cam rollers. Reassembled the carriage, all the bent brackets and steel hydraulic lines made assembly very difficult. Set and adjusted all cam rollers so the carriage has a little play but still tight. Tested and it rolls up and down the rail nicely. Power washed all the spilt oil off the carriage. Changed rotation gearbox oil. When changing the gearbox oil

CONTINUED ON PAGE 02

### TERMS AND CONDITIONS

### TERMS: NET

This invoice is subject to all of the terms, provisions, conditions and limitations of the parts and sales agreement concerning the goods, services or equipment sold or leased as described therein. Examine the invoice carefully as it will be deemed correct unless errors are reported within 10 days of the date hereof. The purchaser or lessee shall pay a service charge of 1.5% (18% Annual Rate) on all amounts not paid within 30 days following the date of such sale or lease and all costs of collection or enforcement including reasonable attorney's fees.

RETURNED ITEMS ARE SUBJECT TO A SERVICE AND RESTOCKING CHARGE.

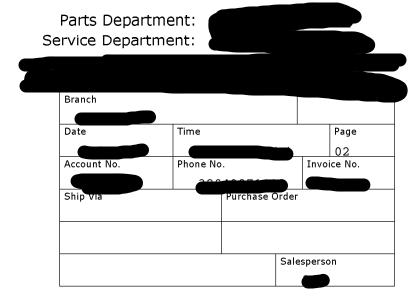
Χ	
	Received By

ALL CLAIMS AND RETURNED GOODS MUST BE WITHIN 10 DAYS AND MUST BE ACCOMPANIED BY THIS BILL



Ship To: IN STORE PICKUP

Invoice To



## **SERVICE INVOICE**

STK#/FLEET#

HRS PIN/EIN

WARRANTY DATE

HRS

E009168

JT20 Horizontal Dr

3438 DWPJT20BPK0000226

12353643

water came out. Flushed the gearbox out with fresh oil. tested the rotation and it was making pressure. There was a noise coming from the gearbox location. The rotation motor and gearbox are bolted together and its very hard to tell if the noise is coming from the gearbox or the motor. Removed the motor and found some end play in the top bearing set. Split the gearbox and found no damage to the bearing, or gears. Re-shimmed the bearing sets and tested rotation. Rotation is good. This means the drive motor is bad. Ordered in and installed a new rotation motor. Reassembled gearbox and installed it. Tested and no noise coming from it. Pressure is at spec. Found no leaks.

ADDITIONAL DESCRIPTION:

TRT

105-998

107-197

115-456

125-044

125-1145

150-1027

155-869

177-034

FREIGHT
METRIC SCREW
SCREW
SNAP RING
BEARING
CAM FOLLOWER (1
ROTATION MOTOR
SEAL
SPACER

\*\*\*\*\* WORK ORDER TOTALS \*\*\*\*\*\*
CONTINUED ON PAGE 03

### TERMS AND CONDITIONS

11000001

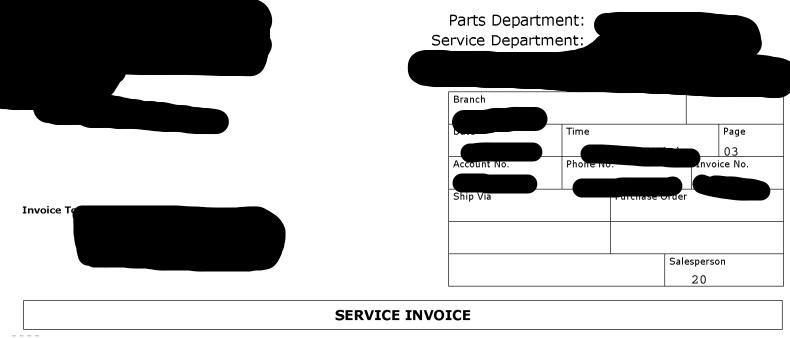
### TERMS: NET

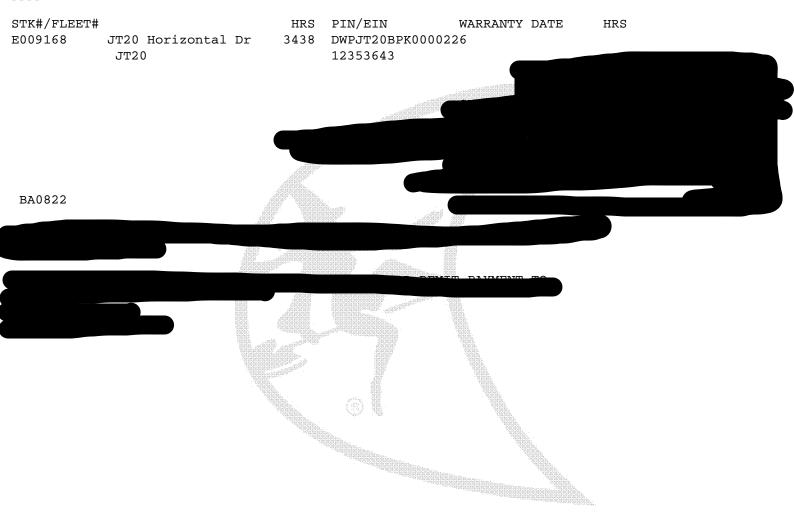
This invoice is subject to all of the terms, provisions, conditions and limitations of the parts and sales agreement concerning the goods, services or equipment sold or leased as described therein. Examine the invoice carefully as it will be deemed correct unless errors are reported within 10 days of the date hereof. The purchaser or lessee shall pay a service charge of 1.5% (18% Annual Rate) on all amounts not paid within 30 days following the date of such sale or lease and all costs of collection or enforcement including reasonable attorney's fees.

RETURNED ITEMS ARE SUBJECT TO A SERVICE AND RESTOCKING CHARGE.

Х	
	Received Rv

ALL CLAIMS AND RETURNED GOODS MUST BE WITHIN 10 DAYS AND MUST BE ACCOMPANIED BY THIS BILL





# TERMS AND CONDITIONS

# TERMS: NET

This invoice is subject to all of the terms, provisions, conditions and limitations of the parts and sales agreement concerning the goods, services or equipment sold or leased as described therein. Examine the invoice carefully as it will be deemed correct unless errors are reported within 10 days of the date hereof. The purchaser or lessee shall pay a service charge of 1.5% (18% Annual Rate) on all amounts not paid within 30 days following the date of such sale or lease and all costs of collection or enforcement including reasonable attorney's fees.

RETURNED ITEMS ARE SUBJECT TO A SERVICE AND RESTOCKING CHARGE.

Х	
	Pageived By

ALL CLAIMS AND RETURNED GOODS MUST BE WITHIN 10 DAYS AND MUST BE ACCOMPANIED BY THIS BILL