

### SERVICE REPORT

Date: 4/23/15  
Customer's Name: BiGge Customer P. O. # \_\_\_\_\_  
Job Location: Shop M/M/T: Grave Rt 700E Hours: 10249  
Equipment # RSG045 Serial # 225219

Describe Defects & Cause of Failure: PM Service due

Repairs Completed: PM Service administered at Hr 10249  
on 4/23/15, Grease whole Crane. Check ops ok

| Qty | Part Number | Description            | Ordered | Installed |
|-----|-------------|------------------------|---------|-----------|
| 1   | P550445     | hydraulic filter       |         |           |
| 1   | P550891     | fuel filter            |         |           |
| 1   | P550848     | fuel / water separator |         |           |
| 1   | 3937736     | Oil filter             |         |           |

Recommendations: \_\_\_\_\_

Technician: Alvin / Jason  
Customer Name: \_\_\_\_\_ Job Complete: Labor: Reg \_\_\_\_\_  
Customer Signature: \_\_\_\_\_ Yes ☒ No ☐ O.T. \_\_\_\_\_

## **RS 6045, 2006 Grove RT760E, S/N 225219, 10301 hours**

**Notebook:** RS Cranes Baae

**Created:** 3/3/2016 12:55 PM

**Updated:** 3/3/2016 1:14 PM

**Author:** Michael Liu

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- 1- Repair hydraulic swivel oil leak
- 2- Rust on lower and O/R pads
- 3- Cab mirror
- 4- Wipers repaired front and upper
- 5- Fire extinguisher
- 6- Manuals, Operator and Load Charts
- 7- Decal on door
- 8- Main and Auxiliary hook latch kits
- 9- Cracked cover on turret?? Need picture
- 10- Override key

**BIGGE****EQUIPMENT CO.**

14800 Jersey Shore Drive • Houston, TX 77047

**BARE RENTAL INSPECTION**ON RENT ☐OFF RENT ☐

| LESSEE                                |     | JOB #    |     | MODEL #                      |         |     |     |  |    |     |     |
|---------------------------------------|-----|----------|-----|------------------------------|---------|-----|-----|--|----|-----|-----|
| PROJECT                               |     | SERIAL # |     | EQT #                        |         |     |     |  |    |     |     |
| LOCATION                              |     | HOURS    |     |                              |         |     |     |  |    |     |     |
| SERVICED AT 10875 Act                 |     | 10801    |     | RT200E<br>R56245             |         |     |     |  |    |     |     |
| CARRIER ITEM                          | OK  | EXC      | QTY | CRANE SUPERSTRUCTURE ITEMS   | OK      | EXC | QTY | CRAWLER ITEMS                              | OK | EXC | QTY |
| Fenders & Cabs                        | ✓   | X        |     | All Control Mechanisms       | ✓       |     |     | Cable Spooling Properly                    | ✓  |     |     |
| All Glass                             | ✓   |          |     | Overall Cleanliness          | ✓       |     |     | Complete Gantry System                     | ✓  |     |     |
| Body & Paint Condition                | ✓   | X        |     | Operation Manual             | ✓       | X   |     | Wedge Sockets                              | ✓  |     |     |
| All Lights                            | ✓   |          |     | Safety Signs                 | ✓       | X   |     | Friction, Clutch, Brakes, Linkage and Pins | ✓  |     |     |
| Mirrors                               | ✓   | X        |     | Current Certification        | 4-28-16 | ✓   |     | Machinery Guards                           | ✓  |     |     |
| Windshield Wiper / Blades             | ✓   | X        |     | Flood Lights                 | ✓       |     |     | Leaks (Specify)                            | ✓  |     |     |
| Horn                                  | ✓   |          |     | Broom Angle Indicator        | ✓       |     |     |  |    |     |     |
| Muffler & Pipes                       | ✓   |          |     | Load Indicating Device (LID) | ✓       |     |     |  |    |     |     |
| Engines Gas / Diesel                  | ✓   |          |     | A20 / Function Kickout       | ✓       |     |     |  |    |     |     |
| Radiator Supports                     | ✓   |          |     | All Fluid Levels             | ✓       |     |     |  |    |     |     |
| Drive Train                           | ✓   |          |     | Batteries                    | ✓       |     |     |  |    |     |     |
| Heater Defroster                      | ✓   |          |     | Wire Rope / All              | ✓       |     |     |  |    |     |     |
| Fuel Tank & Cap                       | ✓   |          |     | Sheaves / Guards             | ✓       |     |     |  |    |     |     |
| Lugs, Tires & Wheels                  | ✓   |          |     | Blocks & Hooks               | ✓       | X   |     |  |    |     |     |
| Steering Front / Rear                 | ✓   |          |     | Auxiliary Winch              | ✓       |     |     |  |    |     |     |
| Fire Extinguisher Dated Upper / Lower | ✓   | X        |     | Main Winch                   | ✓       |     |     |  |    |     |     |
| Outriggers Controls, Locks and Mounts | ✓   |          |     | Telescope Boom               | ✓       |     |     |  |    |     |     |
| Fuel Level %                          | 1/4 | ✓        |     | Boom Lattice                 | ✓       |     |     |  |    |     |     |
|                                       |     |          |     | Jib                          | ✓       |     |     |  |    |     |     |
|                                       |     |          |     | Boom Stops                   | ✓       |     |     |  |    |     |     |

EXCEPTIONS AS NOTED BY NO.:

① Rusty Top Deck AREA Rusty outriggers pad ⑤ ⑥ Cab mirror broke  
③ Need 15 Top Wiper and Front Wiper. ④ Out of Date ⑤ Needs 42 MAN & Lead Chain. ⑥ Needs new beam on door. ⑦ Jaw Block and Ball need latched keys.  
Leaked cover on Turret.  
No override key.  
Needs to be wash at swivel (old residue).

DELIVERY AS INDICATED: RECEIVED AS INDICATED:

BY: Tracy 7/16 TITLE: BY: \_\_\_\_\_ TITLE: \_\_\_\_\_

DATE: 02/05/16 DATE: \_\_\_\_\_

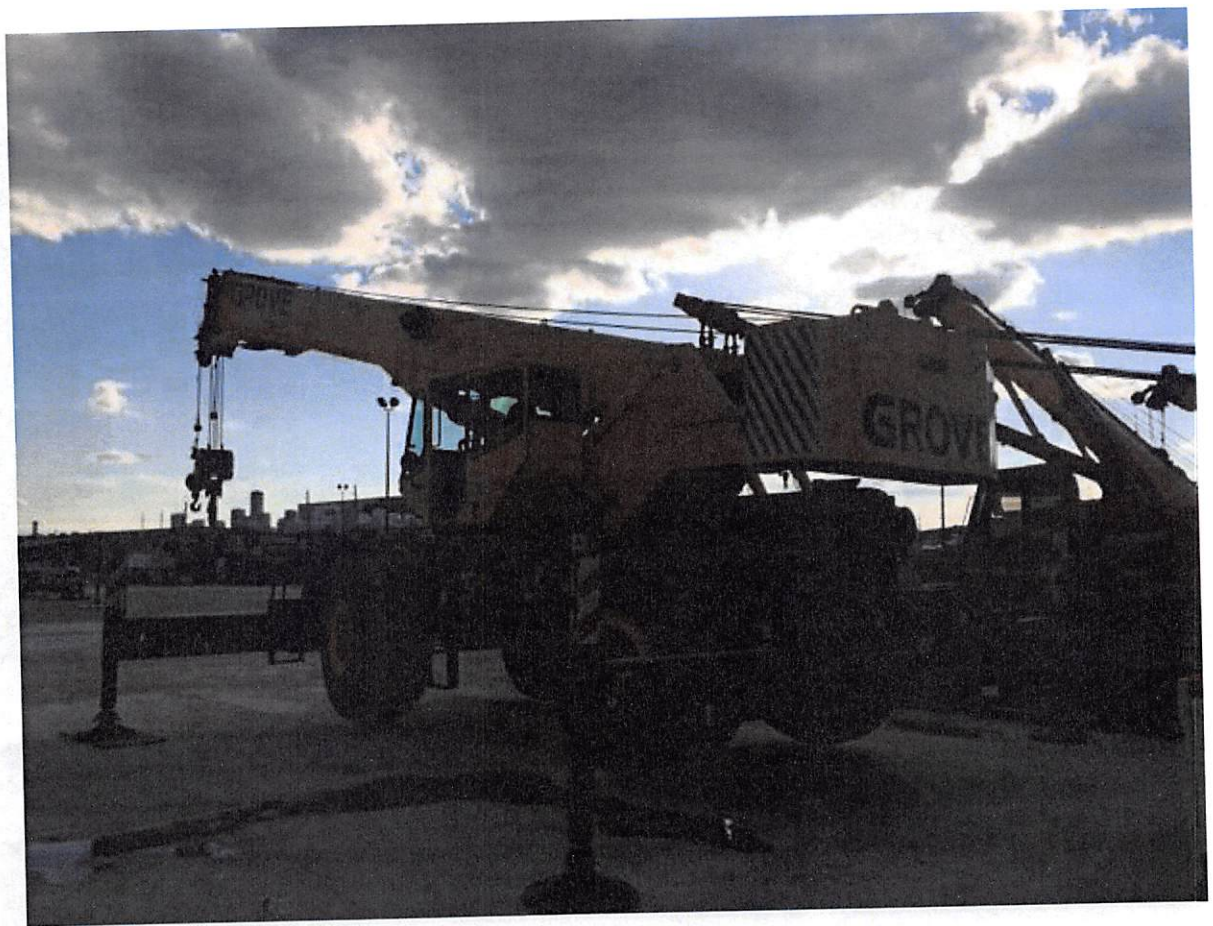
WHITE: Shop; GREEN: Customer; CYAN: Warehouse; PINK: Spenser; GOLDENROD: Job File















14800 Jersey Shore Dr.  
Houston, TX 77047  
(713) 434-0995

### SERVICE REPORT

15  
Date: 8-16-16

Customer's Name: ~~RES~~ Holloman

Customer P.O. #

Job Location: Pote, TX

M/M/T: Grove RT700E

Hours: 10583

Equipment # R56045

Serial # 225219

Trip Mileage 368

Describe Defects & Cause of Failure: hyd leak

Repairs Completed: Traveled to Job site. inspected for leaks  
found hyd Tank Return filter housing cap o-ring  
leaking and pressure gauge leaking. Replaced o-ring.  
went to Molins to get a new gauge + fittings.  
completed repair repairs.

| Qty | Part Number | Description | Ordered | Installed |
|-----|-------------|-------------|---------|-----------|
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|     |             |             |         |           |
|     |             |             |         |           |
|     |             |             |         |           |

Recommendations:

Technician:

Customer Name: Bruce Calvert

Customer Signature: Bruce Calvert

Job Complete:

Yes ☒ No ☐

Labor: Reg

O.T.



# BIGGE

Established 1916

CRANE and RIGGING CO.

300 Jersey Shore Dr.  
Houston, TX 77047  
(713) 434-0995

## SERVICE REPORT

Date: 10/20/16  
Customer's Name: Holloman Customer P.O. # \_\_\_\_\_  
Job Location: Pyote TX M/M/T: Grove 960E Hours: 10996  
Equipment # RS6045 Serial # 225219 Trip Mileage \_\_\_\_\_  
Describe Defects & Cause of Failure: Hydraulic leak from solenoid spool  
in transmission area.

Repairs Completed: Removed spool valve and replaced blown  
O-ring.  
Cleared area and ran machine to make  
sure leak was fixed.

| Qty | Part Number | Description | Ordered | Installed |
|-----|-------------|-------------|---------|-----------|
|     |             |             |         |           |
|     |             |             |         |           |
|     |             |             |         |           |
|     |             |             |         |           |

Recommendations: \_\_\_\_\_

Technician: Austin Buchmayr  
Customer Name: \_\_\_\_\_  
Customer Signature: WORKPRO  
MEXUM 10/31/16

Job Complete:  
Yes ☒ No ☐

Labor: Reg \_\_\_\_\_  
O.T. \_\_\_\_\_

Copies: White: Office Pink: Customer Yellow: Technician Copy



### SERVICE REPORT

Date: 11-15-16 Holloman Corp  
Customer's Name: Bigge Crane Customer P.O. # \_\_\_\_\_  
Job Location: Houston yard M/M/T: RT 700 E-Grane Hours: 11006  
Equipment # RS 6045 Serial # 225219 Trip Mileage \_\_\_\_\_

Describe Defects & Cause of Failure: OFF Rent Repairs

Repairs Completed: Serviced eng and Hyl system,  
Fuel Gauge Not Working, Replaced,  
Replaced top cover on outrigger JACK,  
Replace outrigger Pad keepers,  
Repaired Front Steep Saddle,  
Repaired elec on upper Wiper,  
Replaced degreaser Fan,  
Repaired elec on AC system  
Checked Hyl Hose going to Boom Lift Cyl,  
tightened Hose on Truss,  
Replaced tank for Windshield Washer,  
Braise Bath Cable ends,  
Subed Swing Brake,  
Repaired outrigger Pad

| Qty | Part Number | Description       | Ordered | Installed |
|-----|-------------|-------------------|---------|-----------|
| 1   | 9515102926  | Lammer            |         | —         |
| 1   | 7576000320  | Pump ASSY         |         | —         |
| 1   | 7486100044  | Fuel Gauge        |         | —         |
| 1   | 7246001165  | Push Pull Cable   |         | —         |
| 1   | 7425000007  | Degrease FAM ASSY |         | —         |

Recommendations: \_\_\_\_\_  
PM Service

Technician: Card Douglas  
Customer Name: \_\_\_\_\_ Job Complete: \_\_\_\_\_ Labor: Reg \_\_\_\_\_  
Customer Signature: \_\_\_\_\_ Yes ☒ No ☐ O.T. \_\_\_\_\_



email: [service@crane-co.com](mailto:service@crane-co.com)  
[www.crane-co.com](http://www.crane-co.com)

RS0045

REPAIR ORDER: 15-

478

| QTY  | PART # | DESCRIPTION | COMPANY:          | PCL Bigge Crane |        |                  | DATE:       | 12-8-16      |
|--|--------|-------------|-------------------|-----------------|--------|------------------|-------------|--------------|
|  |        |             | CONTACT:          | Burt Gray       |        |                  | TEL:        | 832-416-3204 |
|  |        |             | ADDRESS:          |                 |        |                  | FAX:        |              |
|  |        |             | CITY:             | Red Rock        | STATE: | OK               | ZIP:        | PO:          |
|  |        |             | EQUIP MAKE:       | Grove           | MODEL: | <del>RS605</del> | SERIAL#     | 225219       |
|  |        |             | CARRIER:          |                 | MILES: | RS605            | CARRIER HRS |              |
|  |        |             | SUPERSTRUCTURE:   |                 |        |                  | ENG HRS     | 11019        |
|  |        |             | JOB SITE CONTACT: |                 |        |                  | PHONE       |              |
|  |        |             | Job Site Address  |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
| REQUIRED SERVICE/REPAIR WORK DESCRIPTION   |        |             |                   |                 |        |                  |             |              |
| COMPLAINT: Unit won't run - Low coolant & frozen   |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
| CAUSE: Radiator had water not Anti-freeze  |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
| CORRECTION: Drive to jobsite - check out unit - operator had added 2 Gallons of Anti-freeze - got unit running - Operator said - Aux line Thumper not working - oil leaking around boom pins |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
|  |        |             |                   |                 |        |                  |             |              |
| Received Date:   |        |             | Return Date:      |                 |        |                  |             |              |

Received Date: \_\_\_\_\_

I Hereby Authorize the above work to be done along with the necessary material, and hereby grant you and your employees permission to operate the unit and its equipment for the purpose of testing and/or inspections.

An Express Mechanic's Lien is hereby acknowledged on the above equipment to secure the amount of repairs thereto.

Acknowledged By: \_\_\_\_\_ Received By: Kevin P. Johnson

**CraneCo Crane Sales, Inc**  
4601 W. 61st ST.  
Tulsa, OK 74132

# Invoice

| Date       | Invoice # |
|------------|-----------|
| 12/14/2016 | 478       |

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|--|
| <b>Bill To</b>   |
| Bigge Crane and Rigging Co<br>10700 Bigge Ave<br>San Leandro, CA |

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| <b>Ship To</b>   |
| Bigge Crane and Rigging Co.<br>14800 Jersey Shore Drive<br>Houston, TX 77047 |

| S.O. No.            | P.O. No.      | Terms   | Rep | Due Date  | Ship Date  | Ship Via |
|---------------------|---------------|---|-----|-----------|------------|----------|
| Bart Gray Red Ro... | Doug Leverell | Net 30  | JP  | 1/13/2017 | 12/14/2016 |          |
| Item                | Qty           | Description   |     |           | Rate       | Amount   |
| Labor               | 4             | Manitowoc 14000 S/N# 14001014 <b>#270340</b><br>Complaint: 12/8/16 Unit won't run<br>Correction: Tech drove to jobsite in Red Rock, OK to check the unit. Tech checked the fuel level & tested 2 battery's. Removed the filter and added fuel. Was able to hear injection pump working but unit will not start. The display screen fades out. |     |           | 105.00     | 420.00   |
|                     |               | Grove RS6045 S/N# 225219 Hrs: 11,019 <b>RS6045</b><br>Complaint: 12/8/16 Unit won't run - Low coolant & frozen<br>Correction: Checked out unit on jobsite. Operator had added 2 gallons of anti-freeze and got the unit running. Operator said - Aux Line Thumper is not working and there is an oil leak around the oil pan.                 |     |           |            |          |
| Labor Overtime      | 2.5           | Labor Overtime  |     |           | 157.50     | 393.75   |
| Mileage             | 130           | Mileage   |     |           | 2.50       | 325.00   |
| Supplies            | 1             | Supplies  |     |           | 81.37      | 81.37    |

While all descriptions (including serial number, age and condition of the equipment) have been conscientiously set forth by the Owner and are assumed to correct, neither the Owner nor the salesman assum any responsibility for such and NO WARRANTY is either intended, expressed or implied.

\*PARTS ARE NOT RETURNABLE WITHOUT AUTHORIZATION.  
\*SUBJECT TO RESTOCKING FEE.  
\*TITLE TRANSFER OF PRODUCT AT TIME OF SHIPMENTS OR PICK-UP

Bank Wire Instructions Available Upon Request

|                         |            |
|-------------------------|------------|
| <b>Subtotal</b>         | \$1,220.12 |
| <b>Sales Tax (0.0%)</b> | \$0.00     |
| <b>Payments/Credits</b> | \$0.00     |
| <b>Total</b>            | \$1,220.12 |
| <b>Balance Due</b>      | \$1,220.12 |

| Phone #        | Fax #          | E-mail             | Web Site         |
|----------------|----------------|--------------------|------------------|
| (918) 625-1863 | (918) 217-1114 | TShaw@crane-co.com | www.crane-co.com |





Auburn, WA  
206-443-8500  
San Leandro, CA  
510-638-8100

Richmond, VA  
804-271-9356  
North SLC, UT  
801-292-2453

Houston, TX  
713-456-3086  
**TOLL FREE**  
**888-337-2444**

## SERVICE REPORT

DATE:

|                                 |        |               |       |              |  |
|---------------------------------|--------|---------------|-------|--------------|--|
| CUSTOMER                        |        | PCL 1/15/17   |       | TRIP MILEAGE |  |
| CONTACT NAME & NO. CURTIS PAYNE |        |               |       |              |  |
| ADDRESS                         |        |               |       |              |  |
| MAKE                            | MODEL  | SERIAL NUMBER | HOURS | UNIT NUMBER  |  |
| GROVE                           | RT700E | 225219        | 11177 | RS6045       |  |

### SERVICE REQUESTED

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### REPAIRS MADE

Traveled to jobsite, replaced hyd temp switch in return line to tank that controls hyd cooler cooling fan. Battery load test, crank and run and check after ice storm. verified repairs at 120 degree switch point for hyd fan.

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| PART NUMBER | QNTY | DESCRIPTION       | INSTALLED | ORDERED |
|-------------|------|-------------------|-----------|---------|
| 80006410    | 1    | SWITCH (HYD TEMP) | 1         |         |
|             |      |                   |           |         |
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ERIC SPARKS 1/15/17  
TECHNICIAN

CUSTOMER SIGNATURE





Auburn, WA  
206-443-8500  
San Leandro, CA  
510-638-8100

Richmond, VA  
804-271-9356  
North SLC, UT  
801-292-2453

Houston, TX  
713-456-3086  
**TOLL FREE**  
**888-337-2444**

## SERVICE REPORT

DATE:

|                    |        |               |              |             |
|--------------------|--------|---------------|--------------|-------------|
| CUSTOMER           |        |               | TRIP MILEAGE |             |
| PCL 1/20/17        |        |               |              |             |
| CONTACT NAME & NO. |        |               |              |             |
| ADDRESS            |        |               |              |             |
| RedRock Oklahoma   |        |               |              |             |
| MAKE               | MODEL  | SERIAL NUMBER | HOURS        | UNIT NUMBER |
| Grove              | RT700E | 225219        | 11205        | RS6045      |

### SERVICE REQUESTED

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### REPAIRS MADE

Checked crane for any operational issues. Checked fluid levels. Blew out air filter. During inspection I found the rear hoist bird nested and the serpentine belt separating and a hose leaking from pilot generator port to swing/function lockout manifold. Ran wire rope off the rear hoist and rewound it on. Treated the fuel tank with biocide and heet. Ordered in a replacement belt. Removed leaking hose and went to napa and had a new one made up. Returned and installed hose. Reinstalled cover.

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### COMMENTS

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| PART NUMBER | QNTY | DESCRIPTION | INSTALLED | ORDERED |
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|             |      |             |           |         |

Eric Sparks 1/20/17  
TECHNICIAN

CUSTOMER SIGNATURE



**CUSTOMER SIGNATURE**