



THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Komatsu</u>	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>PC 300-1</u>	PARTS _____ LABOR _____	COMPONENT LOCATION		
SERIAL # _____	OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER <u>1606</u>		OTHER _____		
MILES _____				
REASON FOR FAILURE: <u>BROKEN</u> WORN ABUSE LOOSE SEIZED		DATE: _____ DATE COMPLETED <u>6-23-09</u>		
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH		MECHANIC <u>James</u>		
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION <u>Earth Gate</u>	JOB NUMBER _____	
PROBLEM: <u>grease adapter broken at hammer</u>				
REPAIRED: <u>had different adapter made up at Nash Rubber & Gasket</u>				
PARTS: <u>adapter \$28.50</u> <u>Nash Rubber & Gasket</u>				



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SINCE 1963

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EQUIP. # <u>306</u>	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>	REASON PARTS LABOR	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>PC300</u>		COMPONENT LOCATION	
SERIAL # _____	OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOURLY METER <u>1510</u>	OTHER _____	OTHER _____	
MILES _____			
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED		DATE: _____ DATE COMPLETED <u>4-2-09</u>	
OVERHEAT PLANNED CONTAM <u>LEAKING</u> NOISY SCRATCH		MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION <u>Owl Hollow</u>	JOB NUMBER
PROBLEM: <u>pressure switch under cab leaking</u>			
REPAIRED: _____			
PARTS: <u>switch</u> <u>\$83.32</u> <u>Power Equipment</u>			



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SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Atlas Copco</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>3000</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER <u>1,700 HRS</u>			OTHER _____	
MILES _____				
REASON FOR FAILURE: <u>BROKEN</u> WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>7-14-09</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>South Park</u>	
PROBLEM: <u>chisel broken</u>				
REPAIRED: <u>replaced chisel</u>				
PARTS: <u>3363082255 Chisel #3, 141, 22 Pitman Eq.</u>				
<u>5gal chisel paste</u>				



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SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>PC300 3000 ATW</u>		PARTS LABOR	COMPONENT LOCATION	
SERIAL # <u>Hammer</u>		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>7-23-09</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES & DANIEL</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
PROBLEM: <u>Oil leak</u>			<u>South Park</u>	
REPAIRED: <u>replaced o-rings on left swivel on hammer</u>				
PARTS: <u>2-O-rings in stock from Pittman</u>				



THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	MAKE <u>Komatsu Atlas Copco</u>	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MODEL <u>3000</u>	SERIAL # _____	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
HOUR METER <u>1948</u>	MILES _____	PARTS _____ LABOR _____	COMPONENT LOCATION	
		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
			OTHER _____	
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>6-18-10</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>Wilson sent to shop</u>	
PROBLEM: <u>Oil leak in hammer</u>				
REPAIRED: <u>removed high pressure accumulator removed two broken bolts, replaced three bolts & seals. assembled and greased</u>				
PARTS: <u>hose & seals</u> <u>62.00</u> <u>NAPA</u>				
<u>Accum. bolts & seals</u> <u>Pittman Equipment</u>				



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SINCE 1963

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EQUIP. # <u>306</u>	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Komatsu</u>	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>PC300</u>	PARTS _____ LABOR _____	COMPONENT LOCATION		
SERIAL # _____	OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER <u>2004 HRS</u>		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED		DATE: _____ DATE COMPLETED <u>7-12-10</u>		
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH		MECHANIC <u>JAMES</u>		
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION	JOB NUMBER	
		<u>Wilson Bank</u>		
PROBLEM: <u>removed hammer for rebuild</u>				
<u>service</u>				
REPAIRED: <u>serviced on 7-2-10</u>				
<u>Installed hammer on 7-12-10</u>				
<u>new chisel</u>				
PARTS: <u>Air Filters</u>		<u>new Filter</u>		
<u>hammer rebuild</u>		<u>Pittman</u>		
<u>new chisel</u>		<u>Pittman</u>		
<u>oil filters</u>		<u>new Filter</u>		
<u>2 rubber blocks</u>		<u>Pittman</u>		



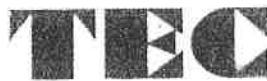
THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu/Atlas</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>300/3000</u>		PARTS LABOR	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>7-23-10</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Wilson bank</u>	JOB NUMBER
PROBLEM: <u>Grease live came apart</u>				
REPAIRED: <u>grease live and fitting</u>				
PARTS: <u>Grease live & fitting 51.0</u> <u>NAPA</u>				



THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Atlas Copco</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>HB3000</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>6-8-11</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Rockvale</u>	JOB NUMBER
PROBLEM: <u>plug came out</u>				
REPAIRED: <u>replaced two round plugs</u> <u>put new oval plug in cab.</u>				
PARTS: <u>3 plugs</u> <u>93.2L</u> <u>Nashville Tractor</u>				



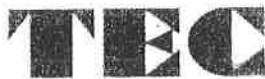
THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Atlas Copco</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>HB 3000</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>6-13-11</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Rockvale</u>	JOB NUMBER
PROBLEM: <u>lower bushing broken</u>				
REPAIRED: <u>replaced lower bushing</u>				
PARTS: <u>Bushing \$1,550.00 + TAX + ship</u> <u>Pittman Equipment</u>				
<u>Day Ice</u> <u>49.80</u> <u>Continental</u>				



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SINCE 1963

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MAKE <u>Atlas Copco</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>HB 3000</u>		PARTS LABOR	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>6-15-11</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Rockvale</u>	JOB NUMBER
PROBLEM: <u>hydraulic leak</u>				
REPAIRED: <u>replaced seals at swivel fitting</u>				
<u>going to cont. lube</u>				
PARTS: <u>seal kit</u> <u>in stock</u>				



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SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>PC300-1</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOOR METER <u>2,3</u>			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>10-24-11</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Shop</u>	JOB NUMBER _____
PROBLEM: <u>plates on top of hydraulic tank leaking.</u>				
REPAIRED: <u>washed, replaced plate o-rings</u>				
PARTS: <u>o-rings</u> \$ <u>11.00</u> <u>White Horse Equipment</u>				
<u>07000-15160</u>				
<u>07000-15195</u>				
<u>cable tie 24"</u> \$ <u>32.22</u> <u>NAPA</u>				



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SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Atlas Copco</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>300 Hammer</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>2-21-12</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>Shop</u>	
PROBLEM: <u>chisel paste supplies</u>				
REPAIRED: _____				
PARTS: <u>5 gal bucket of Paste 397.⁰⁰ + Tax Pittman Equipment</u>				



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SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>PC300</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # <u>A88626</u>		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>6-26-12</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Shop</u>	JOB NUMBER _____
PROBLEM: <u>one weak battery one bad battery</u>				
REPAIRED: <u>replaced batteries</u>				
PARTS: <u>2- 4D Batteries \$305.00</u> <u>Advance Auto Parts</u>				



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EQUIP. # <u>306</u>	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
MAKE <u>Komatsu</u>	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED
MODEL <u>PC300</u>	PARTS _____ LABOR _____	COMPONENT LOCATION
SERIAL # _____	OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER
HOUR METER _____		OTHER _____
MILES _____		
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____ DATE COMPLETED <u>8-27-12</u> MECHANIC <u>James</u> JOB NAME/LOCATION <u>Shop</u> JOB NUMBER _____
PROBLEM: <u>remove hammer & install a bucket</u>		
REPAIRED: <u>capped all lines shimmed bucket</u> <u>removed bucket sent back to Hyrags</u> <u>Installed hammer topped off grease</u>		
PARTS: <u>cap -</u> <u>18.02</u> <u>NAPA</u> <u>Adaptors</u> <u>26.20</u> <u>NAPA</u> <u>7/8 bolt nuts</u> <u>9.00</u> <u>Fastenal</u>		



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SINCE 1963

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>PC300-1</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOOR METER <u>1960 HRS</u>			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>10-25-12</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>JAMES</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>Summit @ Harbor Point</u>	
PROBLEM: <u>Engine cutting off</u>				
REPAIRED: <u>replaced fuel filters</u>				
PARTS: <u>1-Fuel Filter BF7957</u> <u>Fuel Filter</u>				
<u>1-Water Separator FS1242</u>				

EQUIPMENT
REPAIRS

DATE 12-18-12

MILEAGE/HOURS 2500 / 125

EQUIPMENT REPAIRED #306 PC300 Komatsu

REPAIRS MADE Serviced

HOURS WORKED _____

PARTS USED

Filters

221.25

Ten Fitter



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SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306A</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Atlas Copco</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>HM300</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>6-10-13</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>Tammy</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>ARD</u>	
PROBLEM: <u>plugs worn out</u>				
REPAIRED: <u>Side plugs replaced</u>				
PARTS: <u>3 plugs</u> <u>120, 35</u> <u>Cumbe-land Tractor</u>				

TEC

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EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Atlas Copco</u>		REASON _____	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>3000</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>2-3-14</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Leeville PK</u>	JOB NUMBER
PROBLEM: <u>side plugs worn out?</u>				
REPAIRED: <u>replaced two worn out plugs</u>				
PARTS: <u>3 round Plugs 160.5L Cummins Tractor</u>				
<u>1 oval Plug</u>				

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MAKE <u>Komatsu</u>		REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>PC300-1</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>3-7-14</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>Shop</u>	
PROBLEM: <u>blown Hase</u>				
REPAIRED: <u>replaced pressure hose from valve body to boom going to hammer</u>				
PARTS: <u>Hase</u> <u>140.00</u> <u>Nashville Rubber & Gasket</u>				

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SINCE 1963

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EQUIP. # <u>306</u>	HOURS _____ DAYS _____ REASON PARTS LABOR OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>ATLAS Copco</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>3000</u>		COMPONENT LOCATION		
SERIAL # _____		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____			DATE: _____ DATE COMPLETED <u>7-29-14</u> MECHANIC <u>JAMES</u>	
			JOB NAME/LOCATION <u>Speedway</u>	JOB NUMBER
PROBLEM: <u>side plug missing</u>				
REPAIRED: <u>installed new plug</u>				
PARTS: <u>2 plugs</u> <u>80.26</u> <u>Cummins Tractor</u>				

TEC

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SINCE 1963

EQUIPMENT INFORMATION EQUIP. # <u>306</u> MAKE <u>Atlas Copco</u> MODEL <u>3000</u> SERIAL # _____ HOUR METER _____ MILES _____	EQUIPMENT DOWNTIME HOURS _____ DAYS _____ REASON _____ PARTS _____ LABOR _____ OTHER _____	COMPONENT CODES BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED COMPONENT LOCATION FRONT REAR LEFT RIGHT UPPER LOWER OTHER _____
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____ DATE COMPLETED <u>8-6-14</u> MECHANIC <u>James</u> JOB NAME/LOCATION <u>Speedway</u> JOB NUMBER _____
PROBLEM: <u>broken bolt in accumulator</u> <u>swap bits</u>		
REPAIRED: <u>swapped bits</u> <u>replaced orings in black bellows accumulator</u> <u>drilled removed & replaced broken accumulator</u> <u>bolt</u>		
PARTS: <u>bolt & Grease</u> \$ <u>583.65</u> <u>Pittman Equipment</u> <u>drill bits</u> \$ <u>45.16</u> <u>Fastenal</u> <u>Orings</u> \$ <u>31.26</u> <u>Signal Industrial</u> <u>4 plugs</u> \$ <u>160.52</u> <u>Cumberland Tractor</u>		

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION EQUIP. # <u>306</u> MAKE <u>Komatsu</u> MODEL <u>PC300-7</u> SERIAL # _____ HOUR METER <u>2,970 HRS</u> MILES _____	EQUIPMENT DOWNTIME HOURS _____ DAYS _____ REASON _____ PARTS _____ LABOR _____ OTHER _____	COMPONENT CODES BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED COMPONENT LOCATION FRONT REAR LEFT RIGHT UPPER LOWER OTHER _____		
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____ DATE COMPLETED <u>8-12-14</u> MECHANIC <u>James & John</u> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">JOB NAME/LOCATION <u>Speedway</u></td> <td style="width:30%;">JOB NUMBER</td> </tr> </table>	JOB NAME/LOCATION <u>Speedway</u>	JOB NUMBER
JOB NAME/LOCATION <u>Speedway</u>	JOB NUMBER			
PROBLEM: <u>belt broken</u> 				
REPAIRED: <u>replaced all three belts</u> 				
PARTS: <u>A/C BX59</u> <u>70.99</u> <u>NAPA</u> <u>Par 25-080485</u> <u>AH+ w/pump</u> <u>6743-62-3710</u> <u>99.28</u> <u>Power Equipment</u>				

EQUIPMENT
REPAIRS

DATE 8-26-14

MILEAGE/HOURS 3000 WRS

EQUIPMENT REPAIRED #306 Komatsu PC300-7

REPAIRS MADE serviced

HOURS WORKED _____

PARTS USED

All Filters

358.49

Tenn Filter Sales

1-Fuel Filter

12. ~~27~~

NAPA

THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306A</u>	HOURS _____ DAYS _____ REASON PARTS LABOR OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Atlas Copco</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>H133000</u>		COMPONENT LOCATION		
SERIAL # <u>DEQ2625</u>		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER <u>3200 HRS</u>		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED		DATE: <u>10-8-15</u> DATE COMPLETED <u>10-29-15</u>		
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH		MECHANIC <u>Jamet + Steven</u>		
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION <u>Shops</u>	JOB NUMBER	
PROBLEM: <u>removed hammer for rebuild sent to Pittman Equipment</u>				
REPAIRED: <u>Hammer Rebuilt used bucket new teeth</u>				
3445				
PARTS: <u>Hose assembly \$3.⁹²</u> <u>NAPA</u>				
<u>Pin bolts 121.⁷⁴</u> <u>Fastenal</u>				
<u>rebuild 20,311.⁶⁶</u> <u>Pittman</u>				
<u>Bucket from Craig Watts 2,000.⁰⁰</u>				
<u>Teeth & pins 320.⁰⁰</u> <u>White Horse Equipment</u>				
<u>welded cracks in bucket</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	HOURS _____ DAYS _____ REASON PARTS LABOR OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Komatsu</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>PC300-1</u>		COMPONENT LOCATION		
SERIAL # _____		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____	DATE COMPLETED <u>1-19-16</u>	
		MECHANIC <u>James</u>		
		JOB NAME/LOCATION <u>Cato</u>	JOB NUMBER	
PROBLEM: <u>blown hose</u>				
REPAIRED: <u>replaced grease hose</u>				
PARTS: <u>Hose</u> <u>160.06</u> <u>Napa</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	HOURS _____ DAYS _____ REASON PARTS _____ LABOR _____ OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Atlas Copco</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>300W</u>		COMPONENT LOCATION		
SERIAL # _____		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____ DATE COMPLETED <u>1-29-16</u>		
		MECHANIC <u>James</u>		
		JOB NAME/LOCATION <u>Cato</u>	JOB NUMBER _____	
PROBLEM: _____ _____ _____				
REPAIRED: <u>Grease gun to Hammer</u> _____ _____ _____ _____ _____ _____ _____				
PARTS: <u>Grease Gun set up</u> <u>\$44.10</u> <u>Napa</u> _____ _____ _____ _____ _____				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>		REASON _____	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>300-1</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>1-28-16</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>James</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Cato</u>	JOB NUMBER
PROBLEM: <u>blown hose</u>				
REPAIRED: <u>replaced hose</u>				
PARTS: <u>hose assembly 83.26</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION EQUIP. # <u>306</u> MAKE <u>Atlas Copco</u> MODEL <u>11 3000</u> SERIAL # _____ HOUR METER _____ MILES _____	EQUIPMENT DOWNTIME HOURS _____ DAYS _____ REASON _____ PARTS _____ LABOR _____ OTHER _____	COMPONENT CODES BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED COMPONENT LOCATION FRONT REAR LEFT RIGHT UPPER LOWER OTHER _____		
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____ DATE COMPLETED _____ MECHANIC <u>James</u> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">JOB NAME/LOCATION <u>Stop</u></td> <td style="width:50%;">JOB NUMBER</td> </tr> </table>	JOB NAME/LOCATION <u>Stop</u>	JOB NUMBER
JOB NAME/LOCATION <u>Stop</u>	JOB NUMBER			
PROBLEM: <u>High press. Accum. bolts broke out</u>				
REPAIRED: <u>replaced all bolts & seal new thread inserts greased chisel</u>				
PARTS: <u>repair kit</u> <u>142.03</u> <u>Action bolt.</u> <u>inserts</u> <u>14.93</u> <u>Cummins Tractor</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION EQUIP. # <u>306</u> MAKE <u>Komatsu</u> MODEL <u>PC300LC-7EO</u> SERIAL # _____ HOURLY METER _____ MILES _____	EQUIPMENT DOWNTIME HOURS _____ DAYS _____ REASON _____ PARTS _____ LABOR _____ OTHER _____	COMPONENT CODES BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED COMPONENT LOCATION FRONT REAR LEFT RIGHT UPPER LOWER OTHER _____
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REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____	DATE: _____ DATE COMPLETED <u>2-24-16</u> MECHANIC <u>Brin & Jeff</u> <table border="1"> <tr> <td data-bbox="901 850 1274 917">JOB NAME/LOCATION <u>Shop</u></td> <td data-bbox="1274 850 1557 917">JOB NUMBER</td> </tr> </table>	JOB NAME/LOCATION <u>Shop</u>	JOB NUMBER
JOB NAME/LOCATION <u>Shop</u>	JOB NUMBER		

PROBLEM: Muttler burned out

REPAIRED: replaced muttler

PARTS: Muttler 1,355.00 Power Equipment

EQUIPMENT
REPAIRS

DATE 3-4-18

MILEAGE/HOURS 3500 HRS

EQUIPMENT REPAIRED #306 Komatsu PC300

REPAIRS MADE Serviced

HOURS WORKED _____

PARTS USED

All Filters

344.14

Ten Filter sales

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	REASON PARTS LABOR OTHER _____	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Komatsu</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>PC300</u>		COMPONENT LOCATION		
SERIAL # _____		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: _____ DATE COMPLETED <u>3-5-16</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>Eric</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Water Town</u>	JOB NUMBER
PROBLEM: <u>blown hose</u>				
REPAIRED: <u>Replaced hose</u>				
PARTS: <u>Hose</u> <u>861.75</u> <u>Nashville Rubber & Gasket</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	HOURS _____ DAYS _____ REASON PARTS _____ LABOR _____ OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Komatsu</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>PC 300</u>		COMPONENT LOCATION		
SERIAL # _____		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____		DATE: _____ DATE COMPLETED <u>3-25-16</u>		
		MECHANIC <u>Justin</u>		
		JOB NAME/LOCATION <u>Smith Travel</u>	JOB NUMBER _____	
PROBLEM: <u>blown hose to hammer</u> <u>broken grease line</u>				
REPAIRED: <u>replaced blown hose, repaired grease line.</u>				
PARTS: <u>Hose</u> <u>918.79</u> <u>Nashville Rubber & Gasket</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>306</u>	HOURS _____ DAYS _____ REASON PARTS LABOR OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>Komatsu</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>HM300-1</u>		COMPONENT LOCATION		
SERIAL # <u>ATLAS Copco</u>		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED		DATE: _____ DATE COMPLETED <u>4-16-16</u>		
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH		MECHANIC <u>James</u> & <u>Steven B</u>		
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION <u>To Shop</u>	JOB NUMBER	
PROBLEM: <u>Accumulator bolts broken</u>				
REPAIRED: <u>repaired accumulator mount bolts & hoses</u>				
<u>hooked up, factory anti-suck</u>				
<u>dis-connected line to greaser. Tied line to beam</u>				
<u>tubes for back up.</u>				
PARTS: <u>Cumberland Tractor</u> <u>502.52</u>				
<u>Pitting</u> <u>278.61</u>				



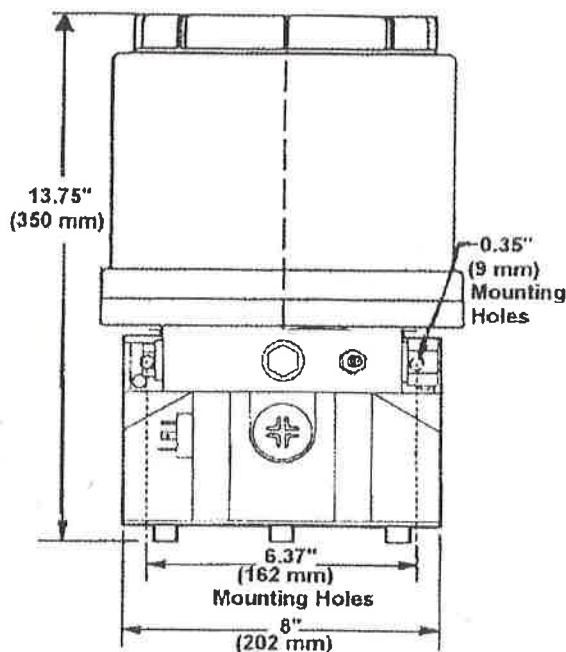
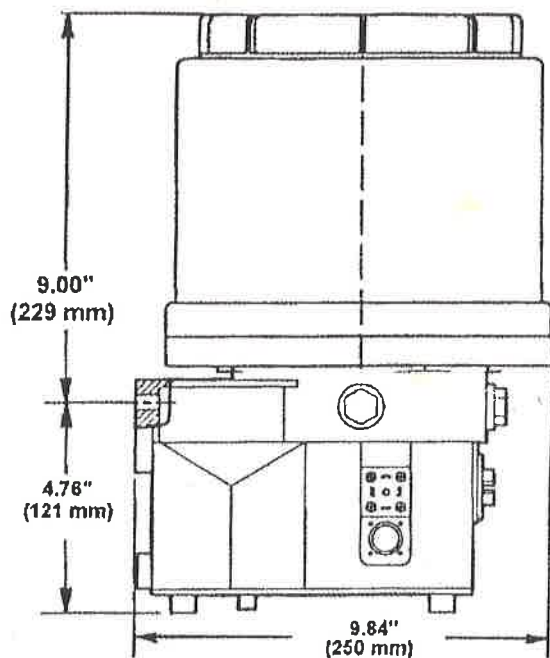
Electric Greaser Service Parts/Kits

Part Number	Qty.	DESCRIPTION	Item
5045	1	Grease fitting	40
5050	1	Grease fitting	25
242125	1	Grease cap	39
246321	1	Pressure relief assembly	37
246420	1	Printed circuit board	26
246421	1	Housing cover	30
246422	1	Closure plug	17
246423	1	Sealing plug	22
246424	2	O-ring	7
246425	1	Intermediate plate	8
246426	1	Pump housing	6
246427	1	Eccentric cam	12
246428	1	Adapter for relief assembly	41
246429	1	Power kord kit contains:	
	1	Socket with cord	18
	1	Flat packing	19
246431	1	Optional manual lube cord set contains:	
	1	Flat packing	19
	1	Socket with cord	33
246434	1	Bearing and seal kit contains:	
	1	Washer	4
	2	Bearing ring	5
	1	Bearing	6
	1	Shim	9
	2	Snap ring	10
	1	Inner ring	11
246435	1	12V DC Motor kit contains:	
	3	Screw	13
	3	Washer	14
	3	O-ring	15
	1	Woodruff key	27
	1	Radial seal	28
	1	12V DC motor	29
	1	Plug for motor	38
246436	1	24V DC motor kit contains:	
	3	Screw	13
	3	Washer	14
	3	O-ring	15
	1	Woodruff key	27
	1	Radial seal	28
	1	24V DC motor	29
	1	Plug for motor	38
246437	1	Housing seal kit contains:	
	3	O-ring	15
	1	Radial seal	28
246440	1	Power plug kit contains:	
	1	Flat packing	19
	4	Screws	20
	1	Plug	21
246441	1	Optional manual lube plug set contains:	
	1	Flat packing	19
	4	Screws	20
	1	Plug	32
247664	1	Fixed paddle	43
247671	1	Lid	42
247673	1	Reservoir	1
247675	1	Stirring paddle	3
247676	1	Hose	2
247677	1	O-ring	44
247678	1	Adapter	45
247679	1	Washer	4
219141382	1	O-ring	46
600268762	1	Pump element assembly contains:	
	1	Check valve	34
	1	Pump element	35
	1	Gasket	36



Electric Grease Station Parts List

Item	Part Number	Ref #	Qty.	DESCRIPTION	DESCRIPTION
	82720L		1	Lubricating Station	
1	LCN247674		1	Reservoir	
2	LCN247676		1	Hose	
3	LCN247675		1	Stirring paddle	
4	LCN247679		1	Washer	
5			2	Bearing ring, part of kit LCN246434	
6			1	Bearing, part of kit LCN246434	
7	LCN246424		1	O-ring	
8	LCN246425		1	Intermediate plate	
9			1	Shim, part of kit LCN246434	
10			2	Snap ring, part of kit LCN246434	
11			1	Inner ring, part of kit LCN246434	
12	LCN246427		1	Eccentric cam	
13			3	Screw, part of kits LCN246435 & LCN246436	
14			3	Washer, part of kits LCN246435 & LCN246436	
15			1	O-ring, part of kits LCN246435 & LCN246436 & LCN246437	
16	LCN246426		1	Pump housing	
17	LCN246422		2	Closure plug	
18			1	Socket with cord, part of kit LCN246429	
19			1	Flat packing part of kits LCN246429, LCN246440, LCN246441, LCN246431	
20			4	Screw, part of kits LCN246440 & LCN246441	
21			1	Plug, part of kit LCN246440	
22	LCN246423		1	Sealing plug	
25	LCN5050		1	Grease fitting	
27			1	Woodruff key, part of kits LCN246435 & LCN246436	
28			1	Radial seal, part of kits LCN246435 & LCN246436	
29	LCN246435		1	12V DC motor kit	
29	LCN246436		1	24V DC motor kit	
30	LCN246421		1	Housing cover	
31			1	Hose not sold	
32			1	Plug, part of kit LCN246441	
33			1	Socket, part of kit LCN246431	
34			1	Check valve, part of kit LCN600268762	
35			1	Pump element, part of kit <u>LCN600268762</u>	
36			1	Gasket, part of kit LCN600268762	
37	LCN249567		1	Pressure relief assy	
38			1	Plug for motor, part of kits LCN246435 & LCN246436	
39	LCN242125		1	Grease cap	
40	LCN5045		1	Grease fitting	
41	LCN246428		1	Adapter for relief assy	
42	LCN247671		1	Lid	
43	LCN247664		1	Fixed paddle	
44	LCN247677		1	O-ring	
45	LCN247678		1	Adapter	
46	LCN219141382		1	Gasket, part of kit LCN600268762	



Warning

Do Not Use pump without pressure relief valve.

SPECIFICATIONS

Electrical Requirements

Model LCN94212

Model 82720L

Enclosure Rating

12 VDC @ 3.5 amps
24 VDC @ 2 amps
IP 54- Protected from
water sprayed in all
directions.

Pump Output

0.146 cu. in./min (2.4
cm/min)

Outlet Connection

1 / 8 " NPT (female)

Maximum Recommended
Operating Pressure

3600 psi (248 bar)

Reservoir Capacity
Lubricant

244 cu. in. (4000 cc)
Greases up to NLGI
grade 2 (with 3% molly)
450°F

Temperature Range

-13°F (-25°C) to +1
58°F (+70°C)

Pressure Relief Valve

4000 ps' +/- 250 psi
(276 bar) +/- (17 bar)

DESCRIPTION

The chassis lube pump is electrically operated and used in a progressive type centralized lubrication system. The pump consists of a pump housing, electric gear motor, a timer and a plastic reservoir with stirring paddle. The high operating pressure allows the pump to supply lubricant up to NLGI #2 grease.

MOUNTING THE PUMP

Select an easily accessible place of installation which allows access to the timer and lubricant reservoir filler fitting. The pump must be mounted vertically on an even surface by means of three bolts. (See Fig. 1 on page 3.)

TO FILL RESERVOIR

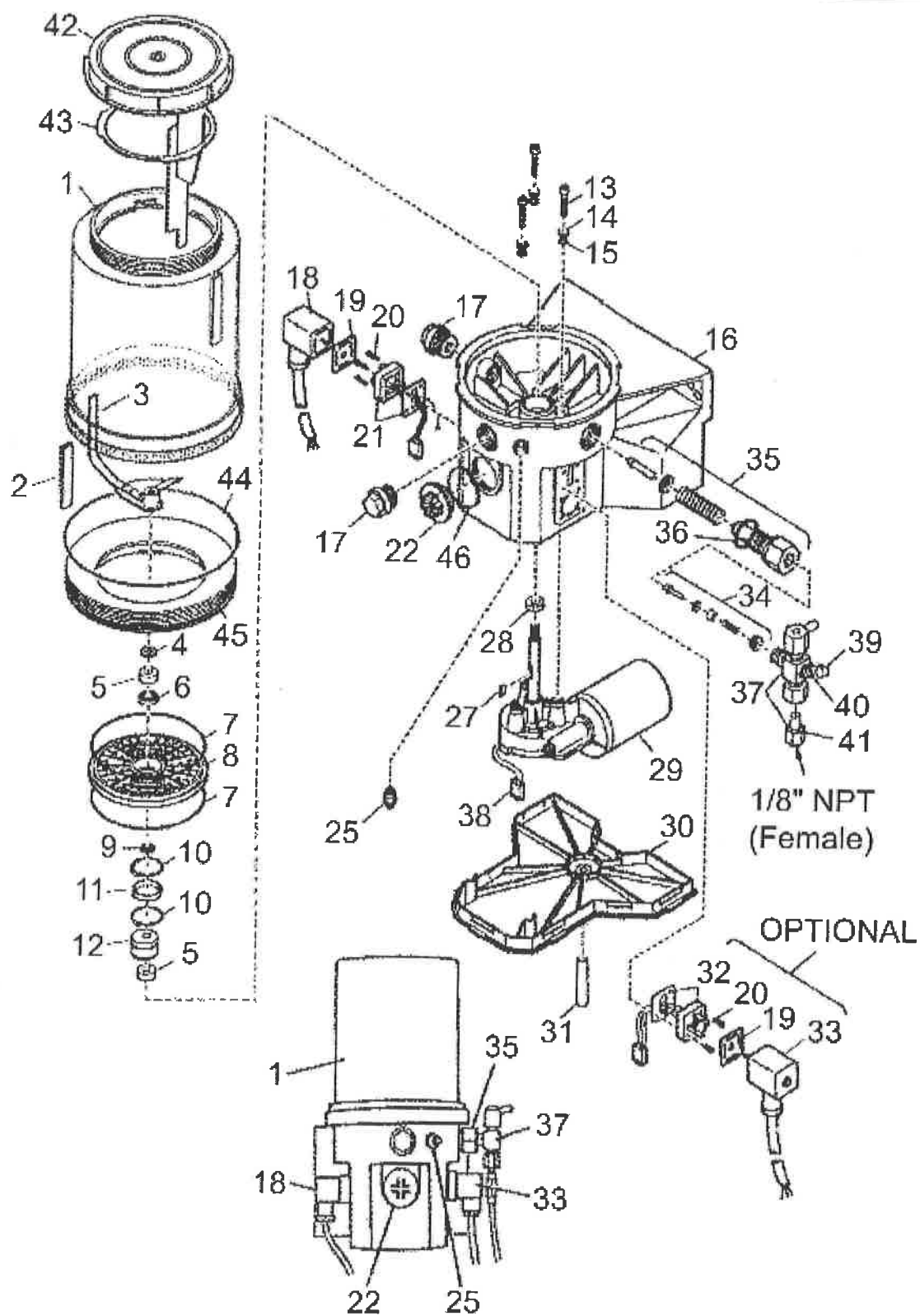
Fill the reservoir through the grease fitting located at the base of the reservoir, using a hand operated grease pump. Refill reservoir when grease reaches "MIN" mark located on the reservoir. Fill the reservoir up to the "MAX" mark located on the reservoir.

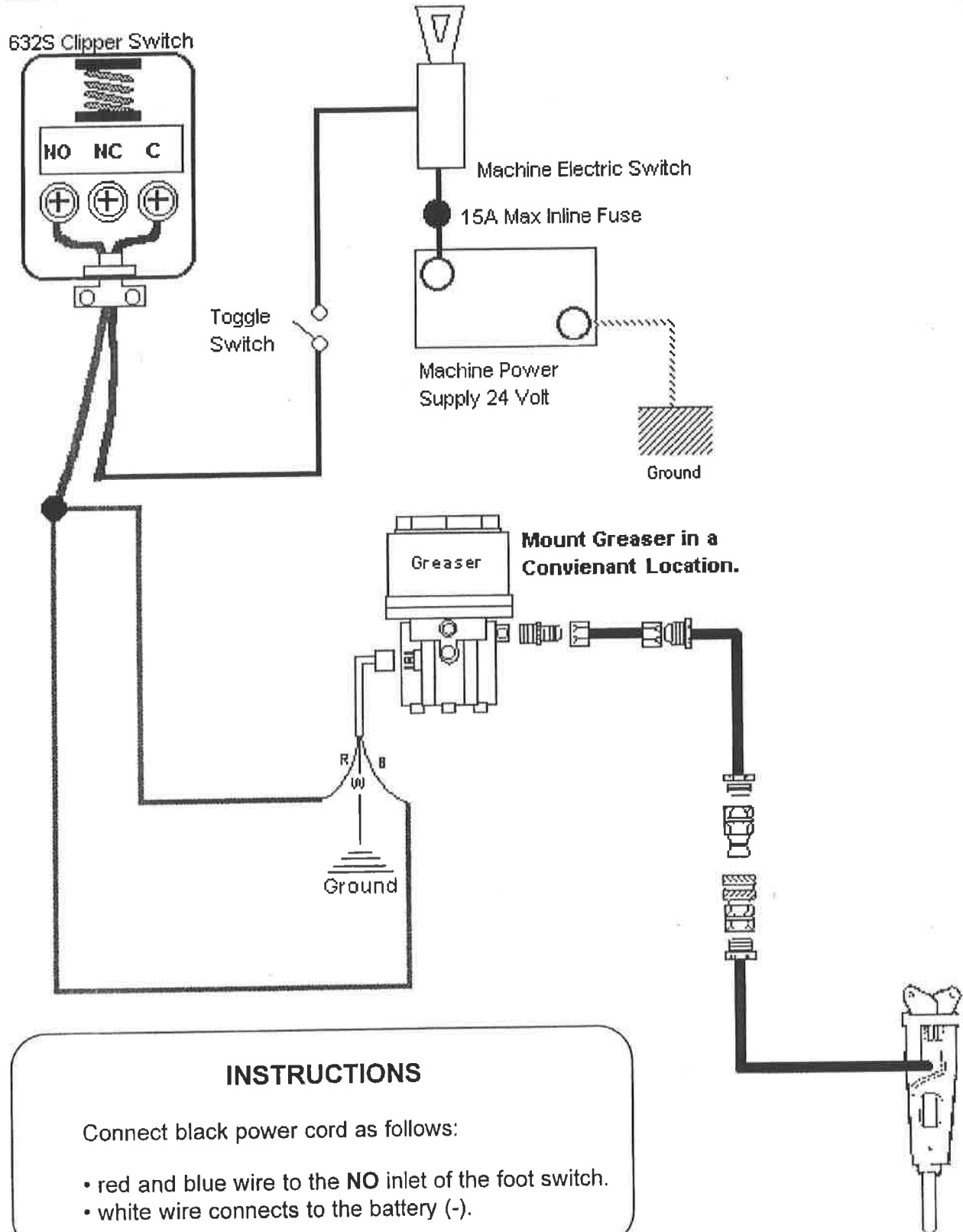
TO PRIME SYSTEM

Pump & Supply Line: After reservoir has been filled with recommended lubricant, loosen the supply line fitting. Operate the pump until lubricant flows from gullet, then tighten fitting.

Feed Lines: Pre-fill each feed line with lubricant before connecting to outlet of divider valve and bearing.

Electric Grease Station Parts List





EQUIPMENT
REPAIRS

DATE 9-13-06

MILEAGE/HOURS _____

EQUIPMENT REPAIRED #306

REPAIRS MADE hose, fittings, pump unit.

HOURS WORKED _____

PARTS USED

hose
Fittings \$70.58

Pump
unit \$ 115.00

EQUIPMENT
REPAIRS

DATE 4-5-07

MILEAGE/HOURS 238

EQUIPMENT REPAIRED #308 300K

REPAIRS MADE Grease for Hammer

HOURS WORKED _____

PARTS USED

2 buckets Grease

\$410.73 Power Equipment