

BEGINNING WITH SERIAL # 1T9RT134KEW161799



RT130 TIER 4 FINAL & ROW EXPORT



RT130 OPERATOR'S MANUAL

Part No.: 12261-727

Revised: June 2015

Rev: 02

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Bulletin Distribution and Compliance

Safety of product users is of paramount importance to Terex. Various bulletins are used by Terex to communicate important safety and product information to dealers and machine owners.

The information contained in bulletins is tied to specific machines using the machine model number and PIN/serial number.

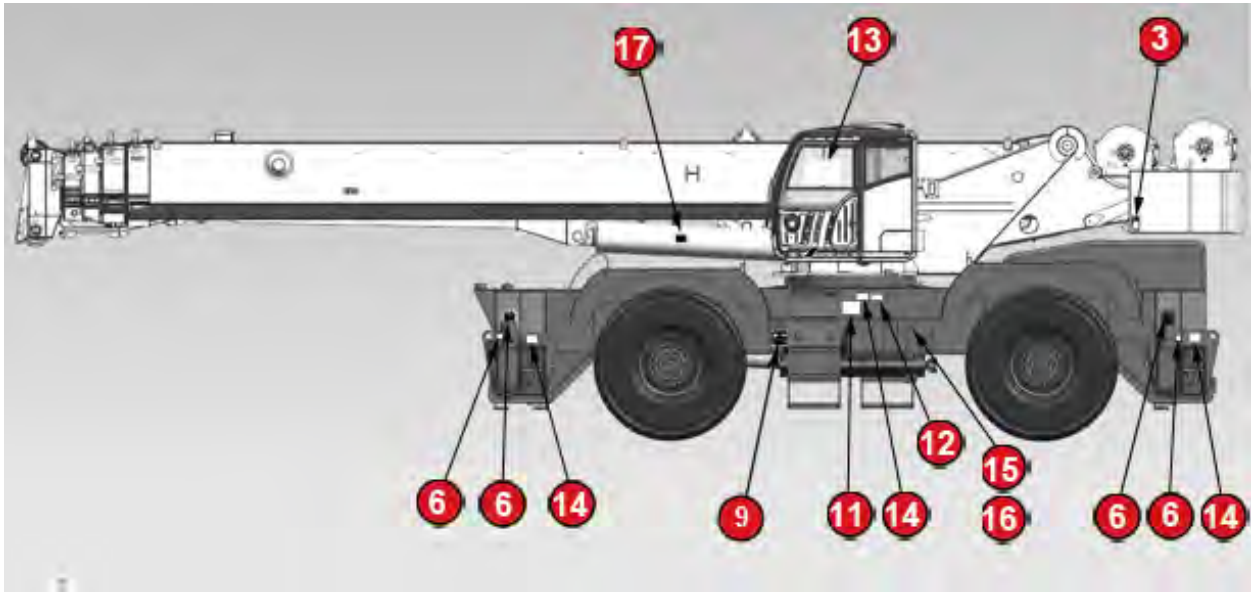
Distribution of bulletins is based on the most current owner of record along with their associated dealer, so it is important to register your machine and keep your contact information up-to-date.

To ensure safety of personnel and the reliable continued operation of your machine, be sure to comply with the action indicated in a respective bulletin.

General Safety

Safety Sign Maintenance

Replace any missing or damaged safety signs. Keep operator safety in mind at all times. Use mild soap and water to clean safety signs. Do not use solvent-based cleaners because they may damage the safety sign material. The graphics on the following pages illustrate the location and give you examples of each safety decal located on your machine. During the daily inspection of the equipment, check that the decals are present and in good condition.



**POWER LINE SAFETY**

4. Should contact occur, stay on crane until the boom is cleared or until the electrical current is turned off.
5. If contact occurs, keep all personnel away from the crane. If you must leave the crane, **JUMP WITH BOTH FEET TOGETHER COMPLETELY CLEARING THE MACHINE.** Continue jumping with both feet together to leave the area.
6. Use a signal person when working around power lines.
7. As established by the utility owner / operator or registered professional engineer who is a qualified person with respect to electrical power transmission and distribution per OSHA regulation 1926.1408 and 1926.1409

**TRAVEL**

1. Care must be taken when cranes are driven (traveled) whether on or off the job site.
2. Always pre-plan the path of travel to determine the safest route to the destination.
3. A signal person shall be utilized when the operator's vision is blocked or obstructed during traveling operations.
4. Watch for people, power lines, low or narrow clearance, bridge or road load limits, steep hills or uneven terrain.
5. Place the boom in the stowed position.
6. Inflate tires to specified pressure.
7. Travel slowly and avoid sudden stops and starts.
8. It is recommended that the seat belt be used during transit and travel.
9. Make sure travel surfaces can support weight of machine and any stored load.
10. Always set parking brakes when parking the machine.

Parking the Vehicle

NOTE: *Parking Instructions only apply to mobile cranes.*



Failure to adequately secure parked vehicle may result in vehicle roll-off and injury to personnel and/or damage to property.



Risk of Death

The following conditions must be strictly adhered to by crane drivers-

- A vehicle should never be parked on a slope greater than 18%.
- The parking brake should always be applied when the crane is parked.
- The ground on which the crane is parked must be on even, solid ground with sufficient load-bearing capacity.

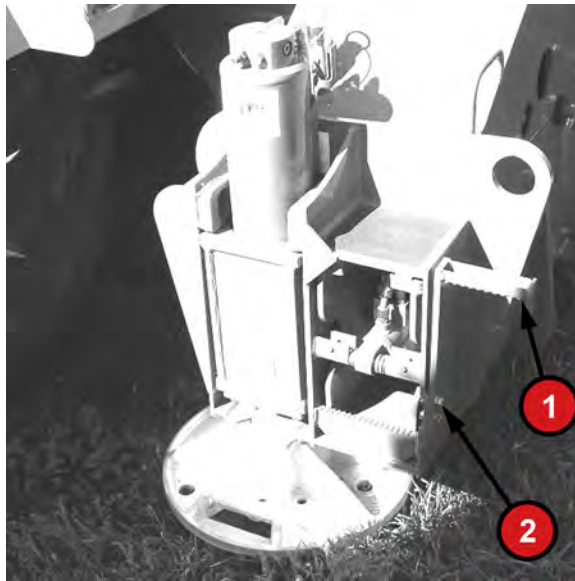


Mobile cranes can roll away, if not properly prepared, causing injury or property damage.

Under the following conditions, the vehicle must employ the use of the (4) four wheel chocks on the rear axle, where (2) wheel chocks are on front side of rear tires and (2) wheel chocks are on rear side of rear tires in addition to the parking brake to prevent it from rolling away-

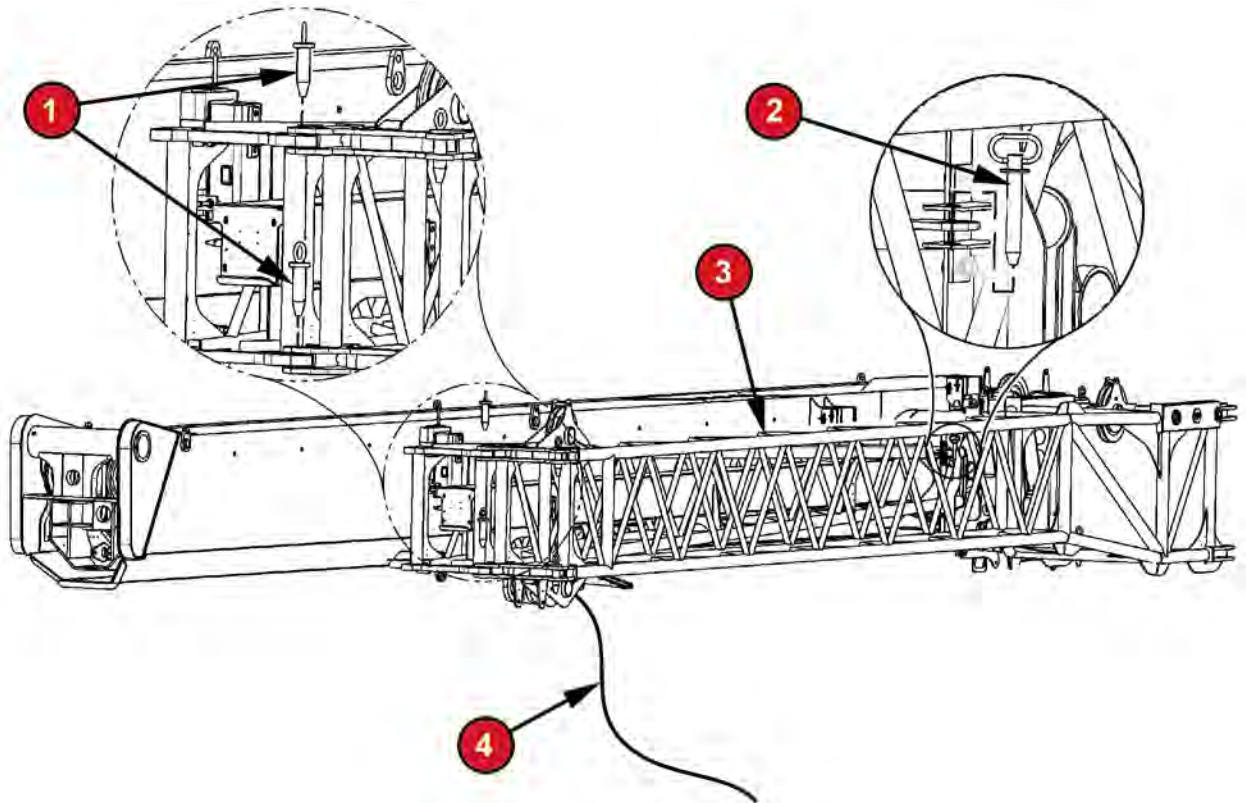
- The vehicle is parked on a slope.
- The vehicle is defective, especially concerning any deficiencies in the brake system.

Step Installation



Steps (1) must be rotated into operation position. After delivery, remove the two capscrews (2) shown in the illustration and rotate the step down. Replace and tighten the capscrews. Do this on all four corners of the crane.

Before loading the unit on a trailer, the steps must be returned to the upright position to provide sufficient ground clearance

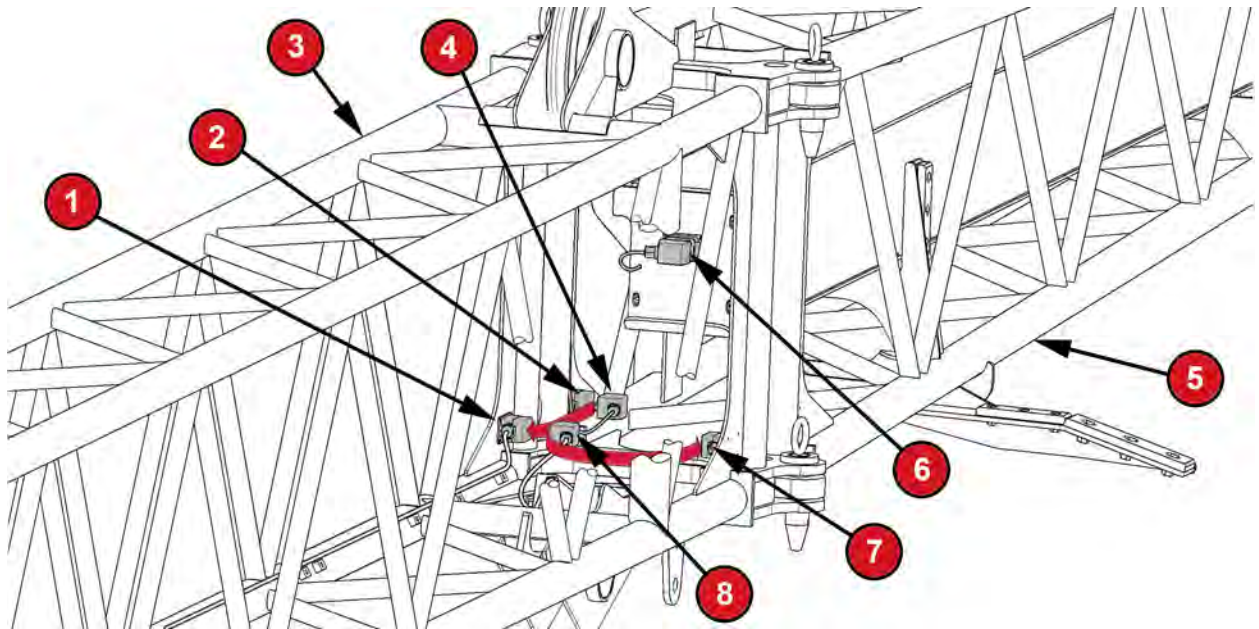


1	Jib taper pins	3	jib base section
2	Jlb base / tip securing pin	4	Guide rope (supplied in tool box-yellow)

8. Remove pin attaching jib base to jib tip section.
9. Remove taper pins securing base section to tip section.
10. With the engine at idle, select BOOM Mode 3 (43) switch position in operator's cab which is the "JIB ERECTION". Slowly extend the boom 12" (300 mm), this will disengage the jib base from the mounting brackets.



Before erecting or stowing the jib, ensure that no personnel or obstacles are in the swing path of the jib.











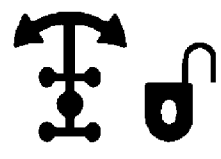
1	Anti-two block socket, jib base section	5	Jib tip section
2	Anti-two block storage socket, jib tip section	6	Anti-two block plug and storage socket, jib pull-out section
3	Jib base section	7	Anti-two block storage socket, jib base section
4	Anti-two block plug, jib tip section	8	Anti-two block plug, jib base section

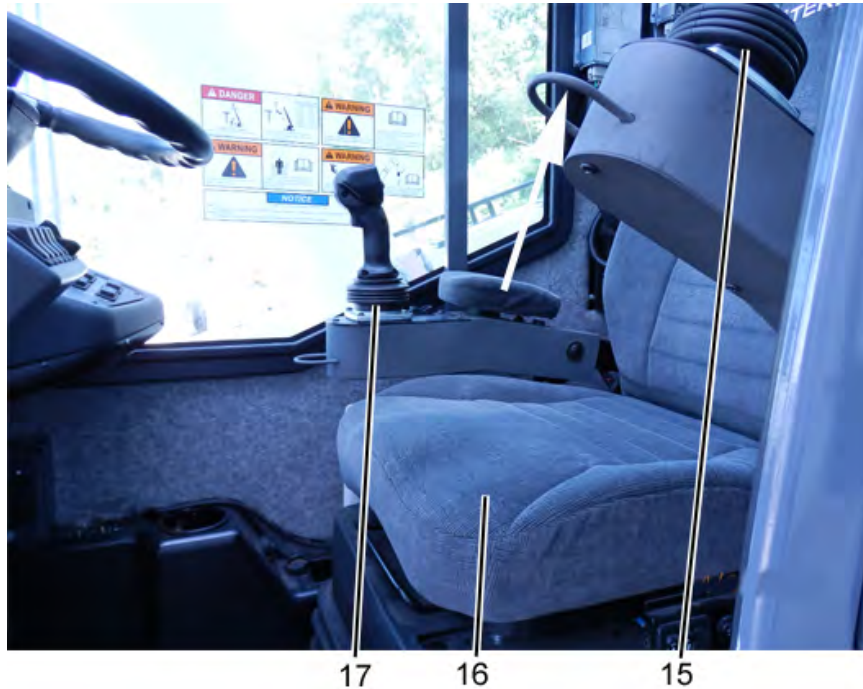
3. Level boom.
4. Remove hair pin from pull-out section retaining pin.
5. Remove pull-out section retaining pin.

Universal Symbol Identification

This section is intended to familiarize the operator with the controls and instruments provided for the operation of this machine. It should be emphasized, however, that merely knowing the controls is inadequate preparation for operating hydraulic cranes. Do not attempt to operate the machine until the other sections of this manual have been covered. Sections 2 and 4 are especially important with respect to machine operation.

Diagrams of the various carrier and upper controls are illustrated on the following pages. A list of these controls and instruments are shown opposite each illustration. More detailed explanations of each control or instrument follow in the same order as they appear in the number key.

<p><i>PARKING LIGHTS</i></p> 	<p><i>EMERGENCY STOP</i></p> 	<p><i>OUTRIGGER EXTEND/ RETRACT</i></p> 
<p><i>HEADLIGHTS</i></p> 	<p><i>STANDARD STEER</i></p> 	<p><i>SWING LOCK</i></p> 
<p><i>FLOODLIGHTS</i></p> 	<p><i>4 WHEEL STEER</i></p> 	<p><i>SWING UNLOCK</i></p> 








18. RH DASH

19. ROOF HATCH LOCK HANDLE - Retain control of both raise / lower handles when unlatching (19) until hatch is fully open. Pull down on both handles when closing hatch and rotating (19) lock handles. Keep head clear when pulling hatch down.







20. WINDSCREEN LOCK HANDLE

NOTE: If the temperature reaches 225° F stop the engine immediately and check the cooling circuit.




Symbol	Name	Source	Type
	Fuel Level	Analog signal	Gauge
	Engine Jacket Water Temperature	J1939	Gauge and Audible Warning
	Transmission Temperature	J1939	Display and Audible Warning
	RPM	J1939	Display
	Hour Meter	J1939	Display
	Engine Faults	J1939	Display
	Left Turn Digital	Digital - Active High	Indicator
	Right Turn Digital	Digital - Active High	Indicator
	High Exhaust Temp (HEST)	J1939	Indicator
	Regeneration Inhibit	J1939	Indicator
	DPF	J1939	Indicator
	Stop Engine	J1939	Indicator and Audible Warning
	Engine Warning	J1939	Indicator
	Wait to Start	J1939	Indicator
	Low Engine Oil Pressure	J1939	Indicator and Audible Warning
	Low Air System Pressure	Digital - Active Low	Indicator and Audible Warning
	Swing Lock	Digital - Active Low	Indicator
	Park Brake	Digital - Active High	Indicator
	Axle Centering	Digital - Active Low	Indicator
	Low Battery Voltage	Analog	Indicator and Audible Warning

Displays

Menu bar

-  Heater ON / OFF
-  Ventilation ON / OFF
- AD** Add-on unit ON / OFF
- P** Program preset time
-  Set the time / operating time
-  Set heating level



Display bar

-  Numerical and text displays
- AM** Time in the morning (English)
- PM** Time in the afternoon (English)
- °C** Temperature in degrees Celsius
- F** Temperature in degrees Fahrenheit
-  Unlimited operating time
-  Heating level set

Program bar

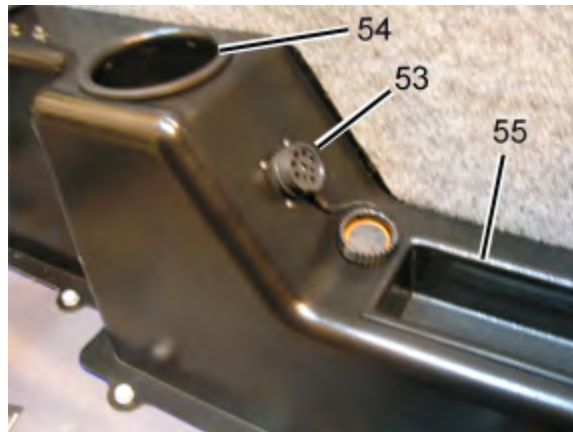
- 1** Preset memory 1
- 2** Preset memory 2
- 3** Preset memory 3
- Mo – So** Weekdays
- Mo – Su** English weekdays

Status display

-  Heating mode active
-  Ventilation mode active
- AD** Add-on unit active

See SHOP - CD for complete operation of Heater - Timer and Diesel Heater.

- 52. Dome Light
- 53. J1939 Diagnostic Connector
- 54. Cup Holder
- 55. Convenience Tray



- 56. Swing Gear Grease Port
- 57. Swing Bearing Grease Port

2. **Arm-Fore / Aft Adjustment Knob**-Loosen knob and arm will slide forward or rearward so joystick can be comfortably positioned to operator's preference. Retight knob to lock into position.
3. **Backrest Angle Control Lever**-Lift lever to release backrest angle locking mechanism, and position to preferred angle and release lever. Seat backrest can be folded completely forward onto seat base for access to heater or windshield washer bottle behind seat.
4. **Retractable Seat Belt**-Before operating crane, attach seat belt (see topic). Lift RH arm to up position will allow easier access for latching or unlatching seat belt. Press red button on seat belt to unlatch and exit seat and cab.
5. **Heated Seat Control Switch**-Rocker switch in "OFF" position (no LED light), "ON"-Low Heat (LED light-Green), "ON"-Hi Heat (LED light-Red). Press switch to "OFF" position when engine is not running to prevent any battery drain.
6. **Lumbar Switch**-Press top part of rocker switch to inflate the seat backrest lumbar.
7. **Height Adjustment**-Press top part of rocker switch to "Raise" seat base height. Keep weight off the base until height position is obtained as air system will not raise the operator. To lower height, press lower part of rocker switch while remaining seated.
8. **Seat Fore / Aft Slide Bar**-Lift on bar and push forward or backward to adjust seat location in relation to foot controls. Release bar when preferred position is obtained.
9. **Heat Adjustment Louver**-Heat output can be controlled to feet by adjusting wheel on louver.

near the fuel tank on the crane lower frame. For further information, see Fuel System in the Maintenance section of the manual.

EMERGENCY STOP The emergency stop button is located on the lower part of the dash to the left of the steering column in the operator's cab. In an emergency, this button can be pushed in to stop all crane functions including engine operation. You must rotate the knob clockwise and pull the button out before you can resume normal operation of the crane.

SAFETY EQUIPMENT Check the safety equipment, including all lights, brakes and hazard warning devices.

CHROMED CYLINDER RODS Periodically, (at least once a month or more often if subjected to damp or corrosive atmosphere), wipe down exposed chrome rod surface with a good rust-proofing agent or lubricant. Recommended using "CROWN FORMULA 101".

BRAKE RESERVOIR Check fluid level in reservoir is at proper level.

significantly reduced. Park the equipment when safe to do so, and press the Exhaust System Cleaning Start Switch. Once the cleaning is complete, full engine power will be restored.



Flashing

Exhaust System Cleaning Lamp - Flashes when a stationary Exhaust System Cleaning event is initiated using the Exhaust System Cleaning Start Switch. This lamp will continue to flash until the stationary cleaning event is complete. Once the lamp turns off, the operator can resume normal work activity.



On

Exhaust System Cleaning Stop Lamp - Illuminates when the Exhaust System Cleaning Switch is in the "STOP" position, preventing a cleaning event. This switch should be used only when high exhaust temperatures present a hazard. Excessive use of the Exhaust System Cleaning Switch in the "STOP" position will result in the need for more frequent stationary exhaust cleaning events.

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Operating the Unit

Starting the Engine

Once the pre-start inspection (see [Pre-Start Inspection on page 135](#)) has been completed, the engine may be started. At ambient temperatures over 32 deg. F. on Cummins Engines, follow the starting procedure below:

STARTING PROCEDURE

1. Open the throttle to the idle position.
2. Move the transmission shift lever to the neutral position.
3. Put the parking brake switch in the “ON” position.
4. Turn the ignition switch to the “ON” position.
5. Wait for “Wait to Start” light to shut off.
6. Turn the ignition switch to the “START” position to start the engine.

Release the ignition switch key as soon as the engine starts. If the engine stalls during the start-up procedure, allow the engine to stop revolving before re-engaging the starter.

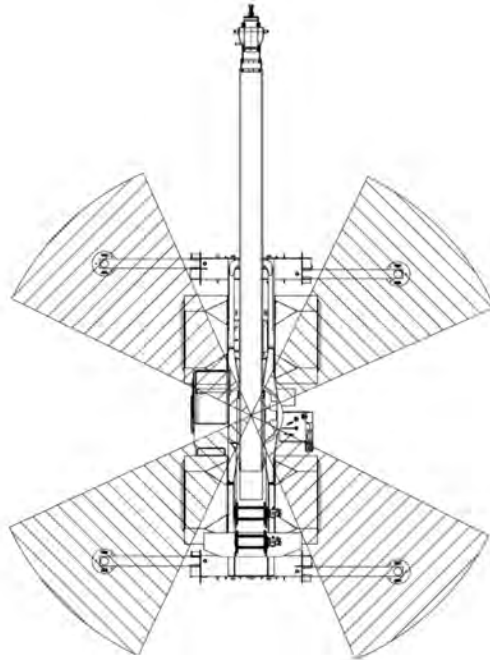
Do not engage the starter motor for more than 15 seconds at a time. Should the engine fail to start within 15 seconds, allow the starter motor to cool for 2 minutes before attempting to start the engine again.

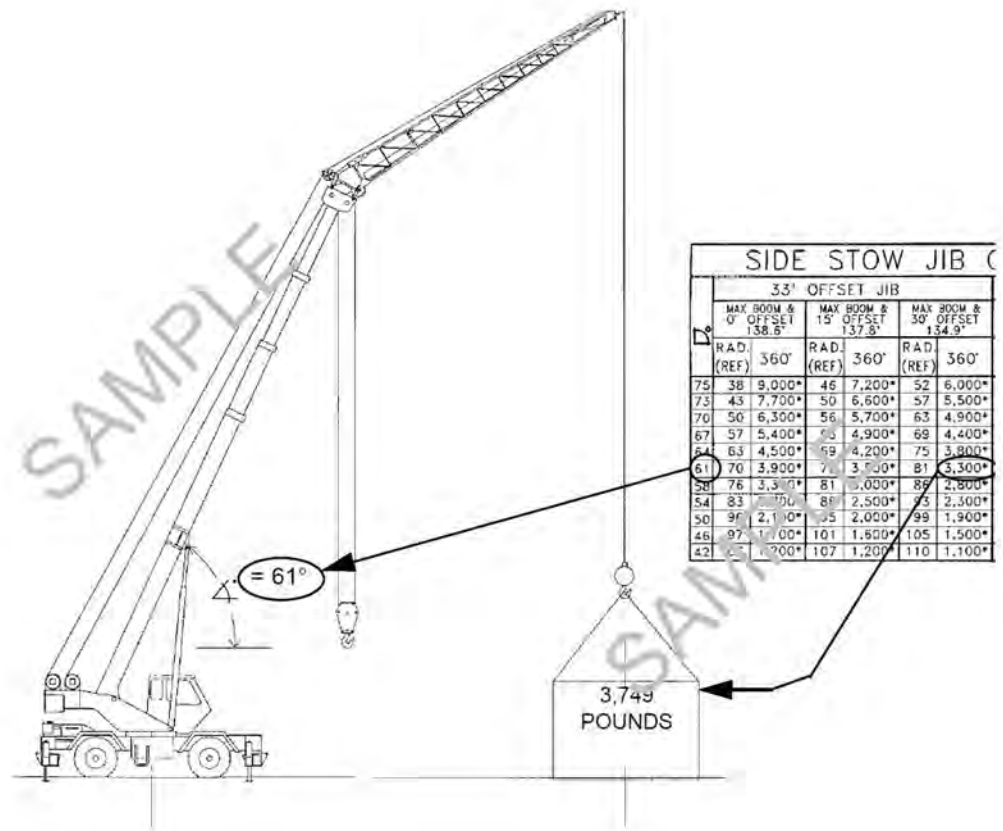
Once the engine is started, check the gauges for proper readings. If the gauges do not register normal readings, stop the engine and determine the cause. Avoid full Throttle operation when the engine is cold. Always allow the engine to reach normal operating temperature before commencing operations.

NOTE: *On machines equipped with a turbocharged engine, the oil pressure gauge MUST register 10 psi (60 kpa) at idle speed to ensure full lubrication of turbocharger.*



When operating the crane close to the crane's maximum capacity in the shaded zones indicated on the picture below, the outrigger pad on the opposite corner may lift up off the ground. This behavior is normal and does not indicate a stability limit. Be knowledgeable of the load being lifted relative to the load chart and use the RCL as a guide to stay within prescribed load chart limitations.





Example where lift cannot be made

Hook & Ball	239 lbs.
Slings	300 lbs.
Auxilliary Head	1101 lbs.
Hook Block	750 lbs.
Object	2350 lbs.
Actual Load =	3749 lbs.

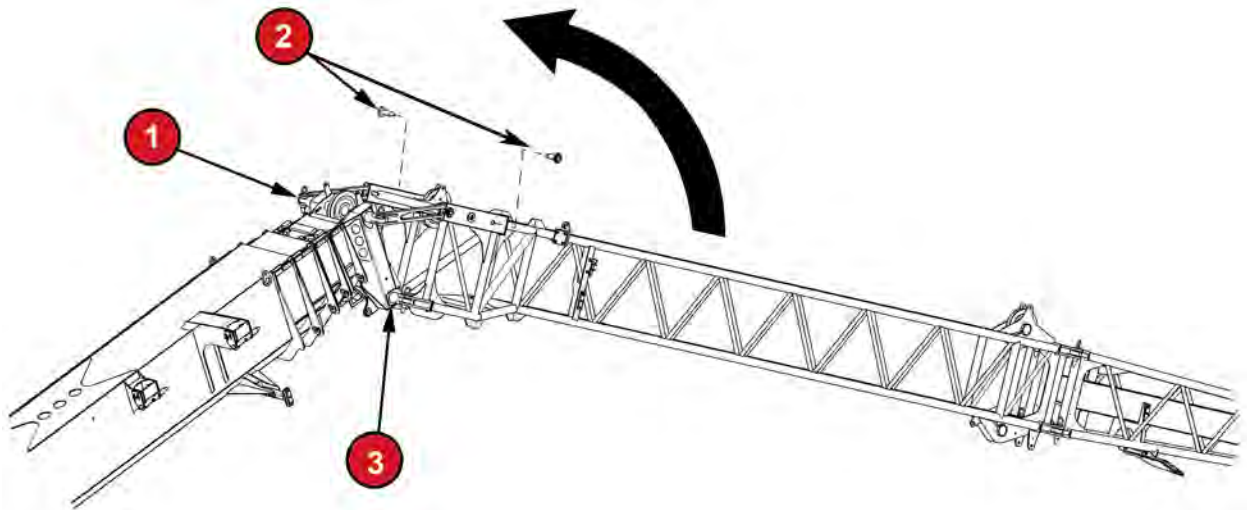
ON TIRES



On tires operation, particularly pick and carry, must be done in a slow, smooth manner over level terrain that will support the crane, with the loads close to the ground and the boom as low as possible to avoid the load swinging unintentionally, causing injury or tip over. Do not pick and carry with the jib since the load is further extended from the machine and the jib can be easily damaged

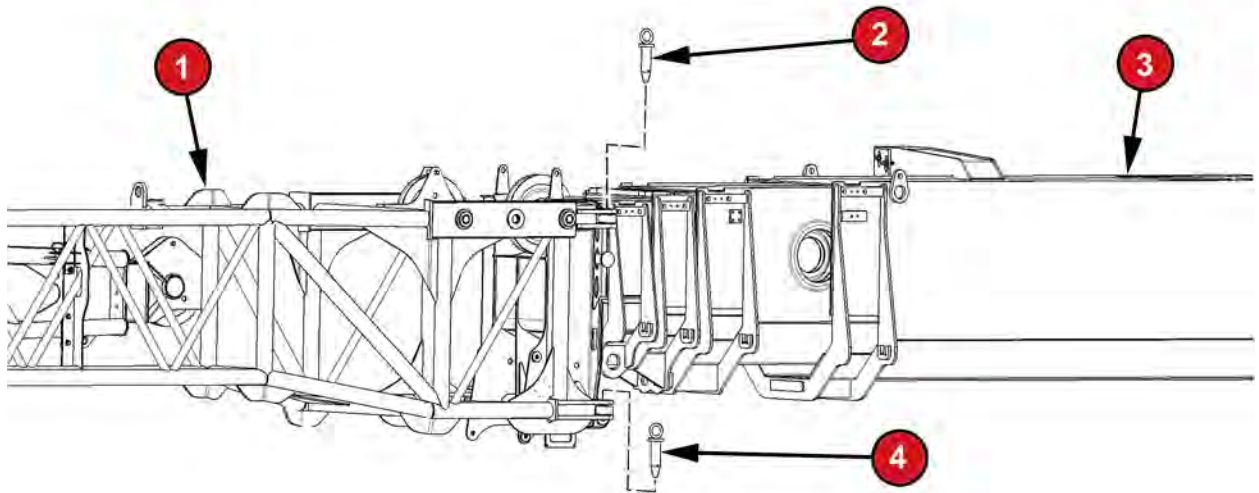


- a. Retract the beam as shown in above photo and when fully retracted the hole in outrigger beam (2) should line up with pin (1). Rotate pin (1) until slot lines up in pin carrier tube and pin will drop down and engage pin hole in beam. Do same procedure on all (4) outrigger beams.



1	Cap screw, sheave shaft	3	Capscrew, sheave shaft
2	Pins, jib offset		

4. Remove any offset pins (0° or 20°) that may obstruct the movement of the offset link during its return to the 0° offset position.
5. Retract boom below horizontal with the jib tip section on the ground and apply down pressure to obtain jib offset of 0°.
6. Remove the jib offset pins from the 20° offset hole and place in the 0° hole, or if you are using 40° offset then retrieve the pins from their stored location and install in the 0° offset hole, making sure to secure them with hair pins once inserted.



10. Level the crane.
11. With the engine at an idle, slowly raise the boom to a horizontal position. The jib base may begin to swing outward at this point, be sure there is an operator controlling its swing rate using the guide line.
12. With the engine at idle, and while another operator uses the guide rope to control the speed of the jib rotation, slowly boom up past a 0° boom angle. The jib will swing around until it makes contact with the jib stowage brackets.
13. While ensuring the the jib base is in full contact with the jib stowage brackets, slowly retract the boom while observing that the jib stowage pin engages it's corresponding brackets the jib.

To drive the equipment rearward off the trailer apply foot brake, then release the parking brake switch (45) on upper console. Move transmission select lever to I dependent which is depending on how the crane was loaded on trailer. I position attained by pulling lever on the right side of the steering column toward you and moving down one position for reverse travel or toward you and up for forward travel. Slowly release foot brake to begin travel. Use the throttle pedal to increase speed only if necessary. All unloading should be done at slowest speed possible. Use the steering wheel to control direction of front tires. Use the brake pedal to stop. If necessary, you may use Axle Steering Mode Switch (49). Toggle switch to move tires left or right.

When equipment is on the ground, make sure front and rear tires are returned to center position. Move transmission lever to neutral, apply parking brake using upper console switch (45) and release the foot brake. Turn the engine off.

Return outrigger steps to operational position, see [Step Installation on page 59](#).

MONTHLY CHECK (160 HOURS)

- Perform Daily And Weekly Checks
- Obtain Hydraulic Oil Sample for Analysis.
- Perform Monthly Lubrication
- Clean Radiator Exterior
- Check Engine Belts
- Check Engine Manufacturer's Manual For Additional Maintenance Requirements
- Drain Hydraulic Reservoir Of Moisture
- HVAC Sight Check

QUARTERLY CHECK (500 HOURS)

- Perform Daily, Weekly And Monthly Checks
- Replenish Cooling System Corrosion Inhibitor
- Perform Quarterly Lubrication
- Check Engine Manufacturer's Manual For Additional Maintenance Requirements
- Drain Fuel Tank Of Water And Sediment
- Lubricate Valve Disconnects
- Change Transmission Filter
- Clean And Wax All Exterior Painted Surfaces
- Change Hydraulic Return Line Filters
- Check Brake Reservoir Fluid Level

SEMI. ANNUAL CHECK (1000 HOURS)

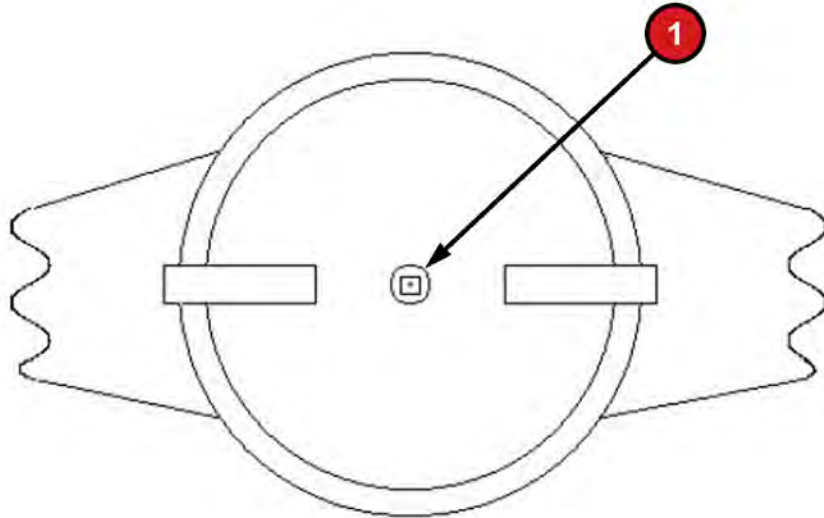
- Perform Daily, Weekly, Monthly And Quarterly Checks
- Change Winch Oil
- Clean Crankcase Breather
- Change Axle Oil
- Clean Cooling System
- Check Brake Shoes for Wear Condition
- Check Reservoir Relief Valve
- Check Relief Valve Pressure Settings
- Clean Reservoir Intake Suction Filter
- Check Engine Manufacturer's Manual For Additional Maintenance Requirements
- Change Transmission Oil
- Torque Swing Bearing Bolts
- Check HVAC Refrigerant & Hoses

OTHER INTERVALS**250 HOURS - CUMMINS ENGINE:**

- Change Engine Oil and Filter
- Check Engine Air Intake
- Change Engine Air Cleaner Element
- Check Engine Drive Belt Tension

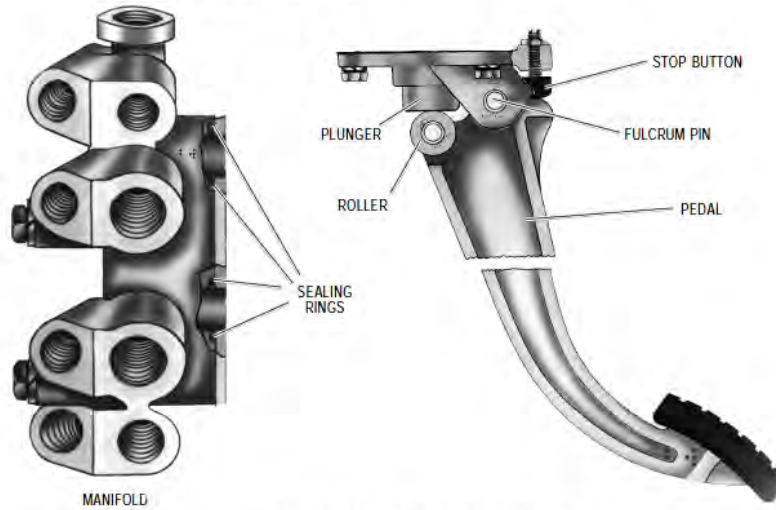
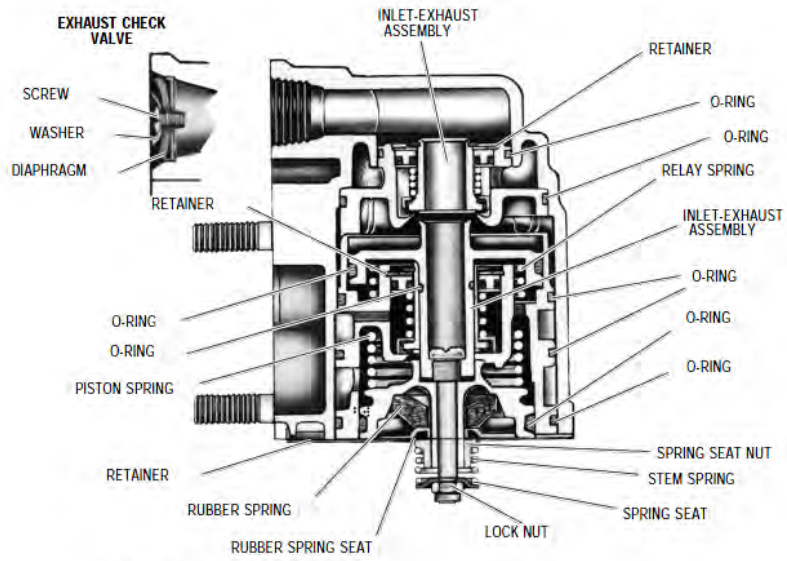
1500 HOURS:

- Drain And Clean Hydraulic Reservoir



On a ANNUAL basis, drain the oil from the differential by removing the drain plug at the bottom of the differential housing. Replace the plug and refill the differential with the lubricant specified on the lubrication chart. To the level specified above.

Drain the oil from hubs removing the fill and check plug by rotating the hub until the hole is at the extreme low position. After draining, rotate the hub until the hole is at the check position. Refill the hub with the lubricant specified on the lubrication chart. Refill to the level of the bottom of the check plug.

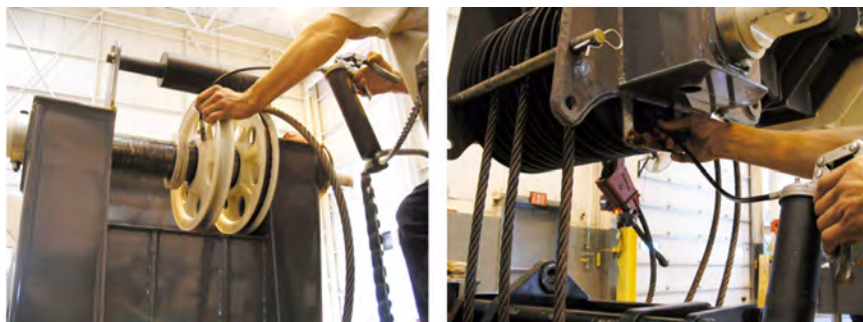


OPERATOR'S CAB BRAKE VALVE



ENGINE MUST BE TURNED OFF BEFORE ATTEMPTING SHEAVE LUBRICATION. SERIOUS INJURY MAY OCCUR IF ATTEMPTING LUBRICATION WITH ENGINE ON.

19. To lubricate Boom Head Sheaves, set outriggers, retract and lower boom, and place hook block on the ground. Shut down engine. All sheaves require lubrication. The top set of sheaves (shown in left photo below) have (1) zerk per sheave, and require (3) three to (4) shots of grease per sheave. Lower sheaves (7) (shown in right photo below) each have (1) zerk which can be accessed by aligning web holes to get to the inboard sheaves.



Hydraulic Hoses

The service life of a hose used on a mobile crane may significantly vary from the indicated lifetime of the hose from the manufacturer. The service life is influenced by a number of factors such as environment (temperature, humidity, corrosive air...) and use, duty cycles, bending cycles, abrasion, fluid etc. External unfavorable factors like heat, repeated bending under pressure etc. can reduce the lifetime significantly whereas other circumstances could allow a service life that may exceed a given period.

Inspection of Hydraulic Hoses

A daily visual check of the crane by the operator or a competent service person before starting the operation shall include an inspection of the hydraulic hoses as far as possible; any traces of hydraulic oil on the crane or beneath a parked mobile crane shall lead to further investigation. The daily check might indicate irregularities and / or leakages in the hydraulic system that should be taken care of immediately. In addition to these daily checks Terex recommends annual inspections of all hose assemblies as a minimum maintenance of the crane. Older cranes may require more frequent inspections.

Inspection Criteria:

Hydraulic hoses should be replaced if any of the following criteria are true:

- Damage on outside surface (cover) of the hose (e.g. crack, cuts, any abrasion that exposes the hose braid (reinforcement)).
- Embrittlement due to ageing of outer surface (cracking appearing).
- Deformation that does not correspond to the original routing and shape of the hose. This criteria shall be checked in both non-pressurized and pressurized conditions and / or when bending (e.g. check for separation of hose layers, formation of blowholes, crushed points, kinks, torsioning).
- Leakage.
- Damage or deformation of hose fittings (sealing functionality affected).
- Movement between hose bulk and hose assembly (e.g. hose creeping out of fitting).
- Corrosion on fitting that can affect strength or function of the fitting.

KINKED ROPE - REMOVE AT ONCE



BIRD CAGING - REMOVE AT ONCE



In addition to damage such as kinking, crushing and broken wires, factors such as corrosion, abrasion, pitting, peening and scrubbing of the outside wires, reduction of rope diameter, the condition of other components and proper lubrication are considered. Refer to [CABLE LUBRICATION METHODS on page 280](#) for wire rope lubricating procedures.

Before installing a new or replacement rope, make certain the rope to be used is the proper type and size. The wrong rope will not function properly and may even be dangerous.



Terex permits the use of rotation resistant wire rope, other types are not approved. When this rope is used the working load shall not exceed 1/5th (20%) of the rated breaking strength. The retirement criteria shall be as follows: two broken wires in six rope diameters or four broken wires in thirty rope diameters.

Electrical System-Operator's Cab




Fuse No.	Rating in Amps	Function
1	7.5	ROOF WIPER
2	10	HORN
3	10	WIPER / WASHER
4	10	BOOM MODE
5	10	HEAT AC SWITCH
6	20	SPOT LIGHT
7	30	HVAC BLOWER MOTOR
8	20	CLUSTER / RADIO
9	10	STEERING MODE
10	20	WORK LIGHTS
11	not used	not used
12	20	IGN TO LOWER
13	15	SEAT HEATER
14	20	ACC
15	20	FLASHER

Cold Weather Package Specifications

Terex cranes can operate in temperatures down to -25C (-12F). The standard crane has available options for engine heater, hydraulic oil heater, engine start aid, cab heating, seat heating, fuel heater and battery heater blanket.

Terex Cranes are designed to operate in cold weather conditions to a temperature of -40C (-40F). To operate in these extreme weather conditions, proper start up and recommended operating procedures must be followed.

Additionally, the following Cold Weather Package must be installed as listed in chart below:

	<p>Fluids and lubricants must be compatible with the expected temperature environment. Refer to chart of recommended fluids for expected temperatures.</p> <p>Hydraulic and transmission systems must be drained and purged of old fluids to allow the maximum exchange for new fluids. Other fluids/lubricants can be exchanged by draining old fluids/refilling with recommended fluids or by applying recommended greases. Use of improper fluids for ambient conditions can damage equipment.</p>
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COLD WEATHER PACKAGE COMPONENTS

Description	SPEC NO.	Terex Part No.
Main & Aux. Winch, Swing Drive	Mobil Gear SHC 150 or Shell OMALA HD 150	T117493
Hydraulic Oil-see data sheet	Petro-Canada Hydrex Extreme or Shell Tellus Arctic 32	T117487
Engine Oil 0W-30	Global DHD-1	Consult Cummins Engine Manual
Gear Oil-Front & Rear Axles	75W90 Full Synthetic	12013-42
Transmission Fluid	Mobil Delvac Synthetic ATF or equivalent	12013-41
Coolant Fluid-Ethylene Glycol 60% by volume	Northland Pre-mix or equivalent	12013-40
Grease	Mobilith SHC 220 or equivalent	T117494
Battery Blanket	120V 240V	720 0429 T114004
Engine Oil Pan Heater		See Parts Manual
Engine Coolant Block Heater		See Parts Manual
Fuel Pre-heater		T117495
Hydraulic Tank Heater	120V or 240V	A38556

Wire Rope Specifications

MAIN WINCH

STD.-3/4" dia. 6X19 OR 6X37 CLASS

IWRC REG. LAY WIRE ROPE

MINIMUM BREAKING STRENGTH-25.6 TONS

OPT.- 3/4" ROTATION RESISTANT

COMPACTED STRAND 34 X 7 GRADE 2160

MINIMUM BREAKING STRENGTH 34.5 TONS

AUXILIARY WINCH

STD.-3/4" 6X19 OR 6X37 CLASS

IWRC REG. LAY WIRE ROPE

MINIMUM BREAKING STRENGTH 25.6 TONS

OPT.-3/4" ROTATION RESISTANT

COMPACTED STRAND 34 X 7 GRADE 2160

MINIMUM BREAKING STRENGTH 34.5 TONS

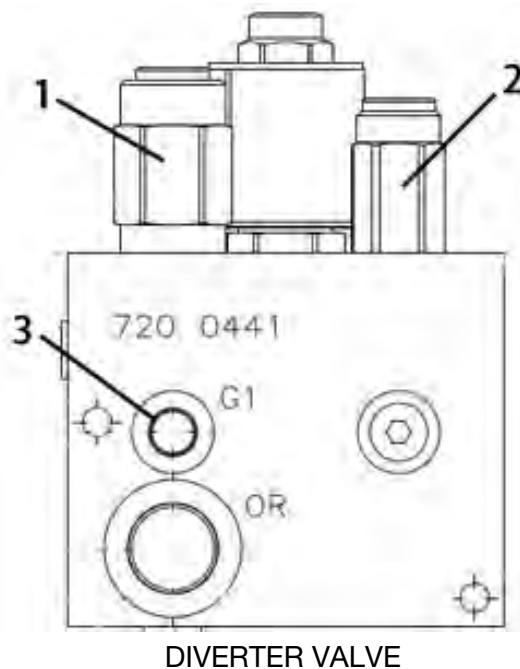


Terex permits the use of rotation resistant wire rope, other types are not approved. When this rope is used the working load shall not exceed 1/5th (20%) of the rated breaking strength. The retirement criteria shall be as follows: two broken wires in six rope diameters or four broken wires in thirty rope diameters.

MAIN RELIEF IN DIVERTER VALVE ADJUSTMENT

Use the 5000 psi test gauge and check as follows:

1. If main relief in diverter valve needs to be adjusted, proceed as follows:
2. Attach the gauge at the quick disconnect on the diverter valve (3), located on the L.H. side of the front outrigger box.
3. Start engine and run at full throttle.
4. To read maximum pressure setting, the cab tilt down function must be bottomed out.
5. The maximum operating pressure on the Swing Valve item (2) is set at 3050 psi. This pressure must be increased above 3500 psi to set the Main Relief on the Diverter Valve.
6. If necessary, adjust the Main Relief item (2) to 3500 psi.
7. Re-set the maximum operating pressure on the Swing Valve item (2) to 3050 psi



1. Outrigger Relief valve
2. Main Relief (pre-set to 3500 psi)
3. Pressure Gauge Port

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