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GENERAL SAFETY
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## SECTION 1 - GENERAL SAFETY

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<td>Safety Decal</td>
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SAFETY ALERT SYMBOL

Stop and take time to read ALL safety alert messages. Follow all safety messages to avoid injury and/or death.

⚠️ WARNING

ALWAYS wear eye protection and personal safety equipment.

THE OPERATOR

The operator must be fully trained and qualified to operate this machine.

Before start-up or machine operation, the operator must learn the location and purpose of the:

1. Controls
2. Instruments
3. Indicator lights
4. Safety and instruction labels

ACCIDENT PREVENTION

Use protective clothing and safety equipment. Always use approved safety equipment such as: gloves, safety boots, safety hard hats/ goggles and ear protection when necessary.

Wear protective clothing that is snug and belted where required.

FIRE PREVENTION/FIRST AID

Install a first-aid kit and fire extinguisher in the operators cab.

KEEP THE FIRST-AID KIT and FIRE EXTINGUISHER properly maintained. Follow instructions provided with the first-aid kit and fire extinguisher.
WELDING PRECAUTIONS

⚠️ CAUTION
Any unauthorized welding can cause structural failure or possible personal injury. **DO NOT** weld on any structural member. All unauthorized welding will void the warranty.

HAND HOLDS AND STEPS

⚠️ WARNING
Slips and falls can cause serious injury.

When getting on and off machine, always maintain a three point contact with steps and hand rails while facing machine.

**DO NOT** use steering wheel or any other controls as handrails.

**NEVER** jump on or off machine.

Be careful of slippery conditions on platforms, steps and handrails when getting on and off machine.

**ALWAYS** shut off engine before leaving the operators station.

REFUELING

⚠️ WARNING
Fires can cause death or severe personal injury.

Handle fuel with care it is highly flammable. **DO NOT** refuel the machine while smoking or when near open flames or sparks.

**ALWAYS** stop engine before refueling machine. Fill fuel tank outdoors.

Prevent fires by keeping machine clean of trash, grease and debris. **ALWAYS** clean up spilled fuel.
HYDRAULIC SAFETY

**WARNING**
Hot hydraulic oil can cause severe burns. **DO NOT** work on the hydraulic system if oil temperature exceeds 120°F (49°C).

Before **ANYONE** works on the hydraulic system:

1. Lower boom to horizontal.
2. Support boom to avoid unintentional lowering.
4. Remove key from ignition.
5. Clean area around reservoir cap (A).

FLUIDS UNDER PRESSURE

**WARNING**
Escaping fluid under pressure can penetrate the skin and cause serious personal injury.

Use a piece of cardboard or paper to search for leaks. **DO NOT** use hands. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, ensure that all connections are tight. **DO NOT** apply pressure to a damaged line, hose or fitting.

If injured by escaping fluid, see a doctor at once. Proper medical treatment must be administered immediately. A serious infection or reaction can result without proper medical treatment.

SERVICE TIRES SAFELY

**WARNING**
An improperly mounted over-pressurized tire can result in tire explosion causing possible personal injury. An inflation cage or other safety device must be used during tire inflation.

**DO NOT** attempt to mount a tire unless you have the proper equipment and experience to perform the job. If you do not have the proper qualifications to perform the job have your dealer or qualified repair service perform the repair.
USE SEAT BELT

Always wear seat belt while operating the machine to reduce the risk of personal injury.

CAUTION

PRACTICE SAFE MAINTENANCE

Unauthorized modifications to machine may impair the safety, machine function and/or affect machine life.

ALWAYS use a safety support or brace when working on, under, or around the machine or forks.

DO NOT adjust or lubricate machine while it is in motion.

SHUT OFF engine and LOCKOUT ignition while working on machine unless maintenance instructions require engine running.

REPLACE all shields and guards after servicing.

NEVER use the machine as a platform for lifting personal.

CAUTION

BOOM SAFETY

DO NOT enter DANGER AREA under or around boom when the forks are off the ground or while engine is running. (See diagram at right for DANGER AREA).

Serious personal injury could result if boom should unexpectedly drop.

Before ANY work is performed in the DANGER AREA the boom must be COMPLETELY lowered and the forks must be resting on the ground.
GENERAL SAFETY PROCEDURES

AVOID ELECTRICAL POWER LINES

⚠️ DANGER

REQUIRED CLEARANCE FOR NORMAL VOLTAGE IN OPERATION NEAR HIGH VOLTAGE POWER LINE AND OPERATION IN TRANSIT WITH NO LOAD AND BOOM OR MAST LOWERED.

<table>
<thead>
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<th>Normal Voltage, kV (Phase to Phase)</th>
<th>Minimum Required Clearance, ft. (m)</th>
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<td>Operation Near High Voltage Power Lines</td>
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<tr>
<td>to 50</td>
<td>10 (3.05)</td>
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<td>Over 50 to 200</td>
<td>15 (4.60)</td>
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<tr>
<td>Over 200 to 350</td>
<td>20 (6.10)</td>
</tr>
<tr>
<td>Over 350 to 500</td>
<td>25 (7.62)</td>
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<td>Over 500 to 750</td>
<td>35 (10.67)</td>
</tr>
<tr>
<td>Over 750 to 1000</td>
<td>45 (13.72)</td>
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<tr>
<td>Operation in Transit With No Load and Boom Lowered</td>
<td></td>
</tr>
<tr>
<td>to 0.75</td>
<td>4 (1.22)</td>
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<tr>
<td>Over 0.75 to 50</td>
<td>6 (1.83)</td>
</tr>
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<td>Over 50 to 345</td>
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<tr>
<td>Over 345 to 750</td>
<td>16 (4.87)</td>
</tr>
<tr>
<td>Over 750 to 1000</td>
<td>20 (6.10)</td>
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⚠️ WARNING

Always remain completely inside cab enclosure while operating the machine.

⚠️ WARNING

Never operate this machine under the influence of drugs, alcohol and/or medication which can cause drowsiness.

⚠️ WARNING

Never transport or lift personnel into position with this forklift. It is not designed as a personnel lifting device.
**WARNING**

**NEVER** raise a load and drive to position it. This can cause the machine to turnover. When placing a load, always move a loaded machine with the boom angle indicator at 0 or less degrees. When the machine is as close as possible to where the load needs to be placed, set the parking brake, raise the load, then place the load into position.

The load chart shows the operating limits of a properly maintained and operated machine. To use the load chart the operator must know the weight of the load and how far "out" and "up" it is to be placed. If the load is heavier than stated on the load chart, three options can be used:

1. Move the machine closer to the load so that the weight of the load will fall within the load chart specifications.
2. Divide the load into smaller pieces so that each piece falls into load chart specifications.
3. Get a larger machine capable of handling the load within specifications.
GENERAL SAFETY

PROPER LOAD CHART USE

TEREX HANDLERS

SS-636C

TEREX HANDLERS

SS-644C

TEREX HANDLERS

SS-842C

LIFT CAPACITY
CHART / SS-636C

SQUARE SHOOTER

LIFT CAPACITY
CHART / SS-644C

LIFT CAPACITY
CHART / SS-842C
GENERAL SAFETY

SAFE DECAL

WARNING

YOUR SAFETY AND THE SAFETY OF THOSE AROUND YOU DEPENDS UPON YOUR USING CARE AND GOOD JUDGEMENT IN THE OPERATION OF THIS EQUIPMENT. KNOW THE POSITIONS AND FUNCTIONS OF ALL CONTROLS BEFORE ATTEMPTING TO OPERATE. ALL EQUIPMENT HAS LIMITATIONS. UNDERSTAND THE SPEED, BRAKING, STEERING, AND LOAD CHARACTERISTICS OF THE MACHINE BEFORE STARTING TO OPERATE. READ THE OPERATOR'S MANUAL AND ASK QUESTIONS OF YOUR SUPERVISOR UNTIL YOU KNOW THE LIMITATIONS.

DO NOT OPERATE SQUARE SHOOTER TRACTOR WHILE PEOPLE AND PROPERTY ARE WITHIN A 50 FOOT (15.24 M) MINIMUM RADIUS. FALLING OBJECTS FROM THE FORKS OR ATTACHMENT CAN CAUSE SERIOUS INJURY OR PROPERTY DAMAGE. THIS 50 FOOT (15.24 M) MINIMUM RADIUS SHOULD BE USED AS A GUIDELINE AND SHOULD BE ENLARGED IF WARRANTED BY WORKING CONDITIONS.

ALWAYS REMAIN COMPLETELY WITHIN THE CANOPY ENCLOSURE WHILE OPERATING MACHINE. FALLING DEBRIS CAN CAUSE SERIOUS PERSONAL INJURY.

NEVER EXTEND A LOAD BEYOND THE LOAD CHART BAND. MACHINE TURN OVER, COMPONENT DAMAGE, INJURY OR DEATH COULD OCCUR.

ABSOLUTELY NO RIDERS ON MACHINE OR ATTACHMENT.

NEVER LOWER A MAXIMUM LOAD BEFORE RETRACTING IT. MACHINE ROLL OVER, COMPONENT DAMAGE, INJURY OR DEATH COULD OCCUR.

ALWAYS WEAR THE SEAT BELT WHEN OPERATING THE MACHINE.

ALWAYS INSPECT THE MACHINE DAILY. CHECK FOR MISSING GUARDS AND SCREENS, LOOSE BOLTS, OR ANYTHING OUT OF THE ORDINARY. REPAIR AND/OR REPLACE IMMEDIATELY. FAILURE TO DO SO CAN CAUSE INJURY OR DEATH.

DO NOT TRAVEL IN DANGEROUS AREAS OR ON TERRAIN THAT COULD CAUSE THE MACHINE TO TIP OVER.

CARRY A LOAD SO THAT YOU HAVE MAXIMUM MACHINE STABILITY.

ALWAYS LEVEL THE MACHINE AS INDICATED ON THE LEVEL GAUGE BEFORE RAISING THE BOOM. RAISING THE BOOM WITH AN UNLEVEL MACHINEN MAY CAUSE THE MACHINE TO OVERTURN CAUSING INJURY OR DEATH.

USE SWAY CONTROL TO LEVEL THE MACHINE ONLY WHEN THE BOOM POSITION IS HORIZONTAL OR LOWER USING THE SWAY CONTROL WHEN THE BOOM IS HIGHER THAN THE HORIZONTAL POSITION MAY CAUSE THE MACHINE TO OVERTURN CAUSING INJURY OR DEATH.

TEREX HANDLERS
BOX 249 / BARAGA, MI. 49908

3-1216 B
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A - Boom Down

B - Boom Up

C - Boom Out

D - Boom In

E - Boom Down and Out

F - Boom Up and In

G - Boom Up and Out

H - Boom Down and In
CONTROLS AND INSTRUMENTS

JOYSTICK CONTROL FUNCTIONS (BUTTON PUSHED)

A - Tilt Down

B - Tilt Back
CONTROLS AND INSTRUMENTS

SERVICE BRAKES

The brake pedal is the operator's control for the service brakes. Pushing the pedal (A) activates service brakes for all four wheels.

The brakes should be applied during normal operation to stop machine movement.

PARKING BRAKE

⚠️ WARNING
Failure to set parking brake before leaving machine may result in unintended machine movement and possible injury/death and or damage to machine or property.

The parking brake should be engaged anytime the operator gets off the machine. To engage parking brake, move handle (A) to the "BRAKE ON" position.
Always ensure that the machine level indicator is at zero (0) before raising the boom. Raising the boom with an unlevel machine may cause the machine to overturn, resulting in injury or death.

**WARNING**

Use frame sway control to level machine only when the boom angle indicator is at 0 degrees. Using frame sway control when angle indicator is more than 0 degrees may cause machine to overturn, resulting in injury or death.

The frame sway control (A) is located on the dash panel. The frame sway control is used in conjunction with the machine level indicator (B) mounted on top of the dash panel. The sway control lever is either moved to the left or right depending on the particular requirement.
The following gauges are used to monitor the machine:

A - Fuel Level
B - Oil Temperature, Powershift Transmission
C - Oil Pressure, Powershift Transmission
D - Voltmeter
E - Water Temperature, Engine
F - Oil Pressure, Engine

**HYDRAULIC PUMP DESTROKE BUTTON**

⚠️ **DANGER**
Depressing pump destroke button while operating the machine will cause an immediate loss of hydraulic power, possibly creating a very dangerous situation. Hydraulic functions that will be affected are: FORK TILT, LIFT, BOOM EXTEND and RETRACT, PARKING BRAKE and SWAY. None of these functions will operate as long as the button is depressed. Service Brakes will continue to function if accumulator backup has a sufficient gas charge.

The pump destroke button is the black push button switch located on dash panel.

For example, when starting machine for the first time on a 30°F day, depress pump destroke button while starting engine. Continue to depress button for 15 to 20 seconds after engine starts. Once engine is running smoothly, release button and the hydraulic pump will engage. Depressing pump destroke button will not be required for all other starts of the day, unless engine has been allowed to cool completely.
CONTROLS AND INSTRUMENTS

STEERING

In addition to the steering wheel, the machine has another steering control, the steering selector switch.

The Steering Selector switch (C) is a three-position switch. The three positions are: 4-wheel, 2-wheel, and oblique. Switch positions are selected and function as follows:

4-WHEEL  
Handle right of center

2-WHEEL  
Handle directly centered

OBLIQUE (CRAB)  
Handle left of center

⚠️ CAUTION
Before changing steering selections, make sure all four wheels are in line. Failure to align wheels to proper settings before changing steering positions may cause haphazard steering. This may result in injury to personnel and/or damage to machine or property.

TRANSMISSION

The transmission control has one lever that controls both directional and speed requirements. It is located to the left of the steering wheel.

(F3)  Forward/3rd  High speed/Low torque
(F2)  Forward/2nd  Medium speed/Medium torque
(F1)  Forward/1st  Low speed/High torque
(N)  Neutral
(R1)  Reverse/1st  Low speed/High torque
(R2)  Reverse/2nd  Medium speed/Medium torque
(R3)  Reverse/3rd  High speed/Low torque
SECTION 3

OPERATION
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OPERATION

OPERATION AND SAFETY GUIDELINES

⚠️ WARNING

Your safety and the safety of those around you depend upon you using care and judgement in the operation of this equipment. Know the positions and functions of all controls before attempting to operate. All equipment has limitations. Understand the speed, braking, steering, stability, and load chart characteristics of the machine before operating. Read the Operator's Manual and ask questions of your supervisor until you know machine limitations. It is very important to read, fully understand, and follow these operation and safety guidelines.

1. **DO NOT** operate the machine while people and/or property are within a 50 foot (15.24 m) minimum radius. Falling objects from the forks or attachment can cause property damage and/or serious personal injury. This 50 foot (15.24 m) minimum radius should be used only as a guideline. Enlarge minimum working area if warranted by working conditions.

2. **ALWAYS** remain completely within the cab enclosure while operating machine. Falling debris can cause serious personal injury or death.

3. **NEVER** extend a load beyond the load chart band. Machine turn over, component damage, injury or death could occur.

4. **ABSOLUTELY NO RIDERS SHOULD BE ALLOWED ON MACHINE OR ATTACHMENTS.**

5. **NEVER** lower a maximum load before retracting it. Machine turn over, component damage, injury or death could occur.

6. **INSPECT** and clear working area of any obstructions (rocks, fence, wire, etc.) that could cause machine damage. If obstructions cannot be cleared, mark obstructions with a stake or other marker that will be clearly visible to the operator.

7. **DO NOT** check engine coolant level if engine has recently been full. Injury could occur from escaping hot pressurized coolant.

8. **ALWAYS** wear seat belt when operating machine.

9. **ALWAYS** inspect the machine daily. Check for leaks, worn hoses, loose belts, or anything out of the ordinary. Repair and/or replace any worn, damaged or leaking parts immediately. Failure to do so can cause injury or death.

10. **CHECK** to be sure that all guards and screens are secure and in the proper place.

11. **CHECK** to be sure that all safety devices are functioning properly: parking brake, service brake, level gauge, neutral start safety switch, back alarm, horn, and always make sure mirror is adjusted properly.

12. **DO NOT** travel on terrain or in dangerous areas that could cause machine to tip over.

13. **DO NOT** attempt to start engine by towing or pushing. Damage to the powershift transmission could result.

14. **CARRY A LOAD** so that you have maximum machine stability and visibility is not obstructed.

15. **ALWAYS** level machine as indicated on the machine level indicator; before raising boom. Raising the boom with an unlevel machine may cause machine to overturn causing injury or death.

16. **USE** frame sway control to level the machine only when the boom position is horizontal or lower. Using the frame sway control when the boom is higher then a horizontal position may cause the machine to overturn causing injury or death.

17. **DO NOT** depress the pump destroke button while operating the machine. This button should be used **only** during cold start ups. Depressing the button while operating the machine will cause an immediate loss of hydraulic power that will affect fork tilt, lift, boom extend and retract, sway and all other hydraulic functions. Brakes will continue to function if accumulator backup has a sufficient gas charge.
BEFORE STARTING ENGINE

⚠️ WARNING
DO NOT perform any procedures in this section, "BEFORE STARTING ENGINE", unless machine is off and engine is cool. Failure to do so may result in serious injury, death or damage to equipment.

Walk around machine and check for any parts that are missing, worn, damaged, or leaking. Repair and/or replace damaged parts.

CHECK ENGINE OIL LEVEL

Location: Dipstick (A).

To Check: Machine must be level.

Remove dipstick (A) from engine and check when engine is cold.

Oil should read between the add and full marks.

Replace dipstick (A).

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.
WARNING
DO NOT check coolant level if engine has been run recently. Injury may occur from hot escaping pressurized coolant.

CHECK ENGINE COOLANT LEVEL
Location: Tank Cap (A)
To Check: Coolant should be visible in top of tank.

NOTE If coolant needs to be added fill with a 50/50 mixture of water and ethylene-glycol based antifreeze. (-34 degrees F)

NOTE All John Deere engines require "John Deere Cool Gard" to be added to coolant whenever changing or adding coolant. Available from your local John Deere dealer.

OPEN WATER SEPARATOR
Location: Water Separator Filter (A)
To Open: Shut off engine.

Turn valve on bottom of filter (A) counter clockwise.

Drain until clear fuel is present.

Retighten valve.

NOTE If more than 2 oz. of fuel are drained, refilling of the filter is required to prevent hard starting. Refer to filter replacement on page 4-19 of this manual.
CHECK HYDRAULIC OIL LEVEL

Location: Sight Glass (A) behind rear panel.

To Check: Move machine to level ground.

- Level frame.
- Completely retract boom.
- Lower boom to the ground.
- Position forks level.

Oil should be visible 1/2 way in sight glass (A).

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.

INSPECT AIR CLEANER

Location: Air Cleaner Assembly.

To Check: Remove rear of canister, remove element(s).

Guideline: Inspect filter element(s) for contamination. Inspect tubing going to filter body from engine for cracks or leaks. Inspect air cleaner body and gaskets for cracks or leaks.

⚠️ WARNING

Due to various operating conditions, the air cleaner's elements should be changed as often as the environment requires.

NOTE: Some versions of "C" model forklifts have two filter elements.
CHECK TRANSMISSION OIL LEVEL

Location: Dipstick (A)

To Check: Level out machine.

Place transmission control in neutral.

Leave engine running.

Bring transmission oil temperature to a minimum of 180 degrees F.

Remove dipstick (A). Oil level should be between the add and full mark.

Replace dipstick.

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.

WARNING
Serious personal injury can result from a loose or damaged fan. Never pry on a fan as this may cause fan damage and/or failure.

CHECK ENGINE FAN

To Check: Visually inspect cooling fan (A) for cracks, loose bolts, bent or loose blades etc.
CHECK TIRE FOR PROPER INFLATION

Location: Wheel ends.

To Check: Check pressure with tire cold and properly functioning gauge.

Setting: 50 PSI.

⚠️ DANGER
All tires require a calcium chloride ballast or an optional foam filled tire to be operated safely. The loss of ballast can affect machine stability and cause a rollover hazard resulting in damage, injury or death.
DANGER
Any problems discovered in steps prior to "BEFORE STARTING ENGINE" should be corrected before machine is started.

DANGER
If machine should start with transmission control lever in gear stop operation at once. Property damage, serious injury or death may occur to material or personnel around machine at time of engine start. Have a qualified service technician repair machine.

Place transmission control lever in neutral.

Insert ignition key in ignition switch. Rotate clockwise until engine starts. Release key when engine starts.
CAUTION
If engine fails to start within 30 seconds release key, wait at least 2 minutes to allow starter motor to cool before trying again. If engine fails to start after four attempts, trouble shoot and correct problem. DO NOT turn key if engine is running. This may cause damage to starter motor.

CAUTION
Attempting to start engine by towing or pushing machine will result in damage to powershift transmission and will not start the engine! It also is an unsafe practice that could cause personal injury.
OPERATION

BEFORE OPERATING

⚠️ CAUTION

If any gauge readings do not fall within set tolerances, the machine must be repaired before operation.

Check dash mounted gauges for logical readings.

(A) Fuel 1/2 to Full
(B) Transmission Oil Temp. 180°F to 200°F
(C) Transmission Oil PSI 240 to 280 PSI
(D) Volt 12 to 14
(E) Engine Water Temp. 180°F to 200°F
(F) Engine Oil PSI 40 to 80 PSI

Operate joystick controller momentarily in all directions.

STANDARD JOYSTICK FUNCTIONS

A - Boom Down
B - Boom Up
C - Boom Out
D - Boom In
E - Boom Down and Out
F - Boom Up and In
G - Boom Up and Out
H - Boom Down and In

BUTTON DEPRESSED FUNCTIONS

A - Tilt Forward
B - Tilt Back
Operate frame sway control momentarily right and left.

Check steering operation by turning steering wheel approximately 1/4 turn in each direction. If front and rear tires are not aligned properly, align rear wheels. Move steering selector valve to "2 wheel" position. And then bring front tires into alignment with rear tires. Place steering selector valve back into "4 wheel" position.
OPERATION

BEFORE OPERATING

⚠️ DANGER

Any problems with service brakes and or parking brake found while conducting daily inspection should be corrected immediately. Failure to do so could result in injury or death.

Activate transmission. As soon as machine starts to move, apply service brake pedal. The machine should stop immediately.

Apply parking brake. Machine should not be able to be driven. Release parking brake.
**DANGER**

Never operate the machine with a faulty backup alarm. Doing so may result in serious injury or death.

Place transmission control in reverse. The backup alarm should sound. If it does not sound, have the backup alarm repaired immediately.

Check and adjust rear view mirror if required.
OPERATION

TRANSPORTING A LOAD

⚠️ WARNING
Transporting a load with the boom extended and the Angle Indicator Arrow reading more than 0 degrees could cause a roll over hazard.

⚠️ WARNING
At no time should any load be suspended from forks by use of chains, ropes, straps etc. If a load must be suspended the use of a Truss (Jib) boom is mandatory. Proper rigging procedures should always be followed.

The forks should always be tilted back slightly during transportation to ensure stability of load.

The load should be kept as low to the ground as possible while traveling without lifting the boom above 0 degrees.
TRANSPORTING A LOAD

⚠️ WARNING
Slower speeds should be used whenever transporting a load. Failure to do so can result in damage to load, machine and/or bystanders.

Always keep boom retracted to ensure greater stability.

Always place load in center and completely against back of fork frame. By doing so greater stability will result.

IMPORTANT: Never attempt to use forks and/or attachments for prying wedged or frozen loads free. Damage to load, pallet and/or machine could result.
**WARNING**
Do not sway machine with the boom Angle Indicator Arrow more than 0 degrees. By doing so could cause a roll over hazard which may result in injury or death.

**DANGER**
Always apply parking brake before lifting and or placing a load. Failure to do so could allow machine to roll over which may result in injury or death.

Before placing a load, the frame should be adjusted. This can be done by the use of the switch labeled SWAY CONTROL (A) located directly above the dash panel in front of the operator.

Adjust SWAY CONTROL (A) until the indicator ball on LEVEL GAUGE (B) is on the 0 degree mark.
OPERATION

PLACING A LOAD

⚠️ DANGER

Traveling with a reading of more than 0 degrees on the boom angle indicator may cause a rollover hazard.

Gradually move 4-way controller towards letter (B) to lift load vertically. Hold until required height has been achieved.

Gradually move 4-way controller towards letter (E) to bring load DOWN and OUT into final position. Lower load until weight is completely off forks.

Gradually move 4-way controller towards letter (F) to bring boom UP and IN. This will bring the forks out of load. Once forks are clear of load the boom can be lowered.
SS-644C & SS-842C ONLY!

WHEN PLACING A LOAD WITH MODEL SS-644C THE REAR AXLE STABILIZING CYLINDERS NEED TO BE TAKEN INTO CONSIDERATION. WHEN THE BOOM REACHES AN ANGLE OF 40 DEGREES ALL FRAME LEVELING AND TRANSMISSION FUNCTIONS ARE DISABLED AND THE REAR AXLE STABILIZING CYLINDERS BECOME LOCKED. THIS DOES NOT AFFECT ANY BOOM OR FORK FUNCTIONS.
SECTION 4

MAINTENANCE PROCEDURES
# TABLE OF CONTENTS

**SECTION 4- MAINTENANCE PROCEDURES**

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BEFORE SERVICING

Read entire Maintenance Procedure Section.

Familiarize yourself with all safety precautions listed in Section 1.

Pay close attention to all safety alert symbols.

Be sure you understand the procedures detailed in this section.

Wear personnel protective equipment.

Remove rings and jewelry.

Move machine to a safe level work place.

Lower boom and support all raised equipment.

Shut down machine.

Remove key from ignition.

Be careful not to spill fuels and lubricants.

Do not fill or refuel tank while engine is running or hot. Doing so could cause a fire and/or a explosion.

Do not smoke while refueling or working with fuel to avoid a fire and/or explosion.

IMPORTANT! Always clean up spilled fuel and/or lubricants to avoid polluting the earth.
GENERAL SAFETY PRACTICES

HYDRAULIC SAFETY

⚠️ WARNING
Hot hydraulic oil can cause severe burns. DO NOT work on the hydraulic system if oil system temperature exceeds 120°F.

Before ANYONE works on the hydraulic system:

1. Lower boom to horizontal.
2. Support boom to avoid unintentional lowering.
4. Remove key from ignition.
5. Clean area around reservoir cap (A).

FLUID UNDER PRESSURE

⚠️ WARNING
Escaping fluid under pressure can penetrate the skin and can cause serious personal injury.

Use a piece of cardboard or paper to search for leaks. DO NOT use hands! Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure that all connections are tight. DO NOT apply pressure to damaged line, hose or fitting.

If injured by escaping fluid, see a doctor at once. Proper medical treatment must be administered immediately. A serious infection or reaction can result without proper medical treatment.

WELDING PRECAUTIONS

⚠️ WARNING
DO NOT weld on any structural member. Any unauthorized welding can cause structural failure or possible personal injury. All unauthorized welding or repair procedures will void the warranty.

Before performing any authorized welding, be sure to disconnect positive lead from battery. Properly attach ground cable of welder to frame member that is being welded. Failure to do so can cause electrical system damage.
**MAINTENANCE PROCEDURES**

**SERVICE INTERVALS**

<table>
<thead>
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<th>DAILY</th>
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<td>OPEN WATER SEPARATOR</td>
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<td>INSPECT AIR CLEANER AND AIR CLEANER SYSTEM</td>
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* For initial break-in period only.
** For initial 100 hours only.
*** John Deere engines require valve adjustment every 2000 hours only.
## MAINTENANCE PROCEDURES

### REQUIRED GREASE INTERVALS

<table>
<thead>
<tr>
<th>LOCATION</th>
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<th>50 Hrs.</th>
<th>250 Hrs</th>
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<td>SMALL BOOM ROLLERS (4)</td>
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<td>HEAD END TILT CYLINDER</td>
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<td>HEAD END LIFT CYLINDER (2)</td>
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<td>BASE END LIFT CYLINDER (2)</td>
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<td>FRONT DRIVESHAFT (3)</td>
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<td>REAR DRIVESHAFT (3)</td>
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<td>BASE END SWAY CYLINDER (2)</td>
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<td>ACCELERATOR PEDAL ROD (2)</td>
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<td>MIDDLE BOOM ROLLERS (4)</td>
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<td>BRAKE PEDAL PIVOT (1)</td>
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<td>BASE END REAR LOCK UP CYLINDER (2) 644C &amp; 842C ONLY</td>
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<td>HEAD END REAR LOCK UP CYLINDER (2) 644C &amp; 842C ONLY</td>
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</table>
SS-636C

Grease fitting locations for SS-636C are shown with the boom fully extended. The location of the large boom grease points is indicated, and the middle boom grease points are shown in a similar location.

SS-644C & SS-842C

Grease fitting locations for SS-644C and SS-842C are also shown with the boom fully extended. The large boom grease points and the middle boom grease points are indicated in the typical locations.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

CHECK ENGINE OIL LEVEL

Location: Dipstick (A).

To Check: Machine must be level.

Remove dipstick (A) from engine and check when engine is cold.

Oil should read between the add and full marks.

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.

WARNING

Do not check coolant level if engine has recently been run. Injury may occur from hot escaping pressurized coolant.

CHECK ENGINE COOLANT LEVEL

Location: Tank Cap (A)

To Check: Coolant should be visible in top of tank.

NOTE: If coolant needs to be added fill with a 50/50 mixture of water and ethylene-glycol based antifreeze. (-34 degrees F)

NOTE: All John Deere engines require "John Deere Cool Gard" to be added to coolant whenever changing or adding coolant. Available from your local John Deere dealer.
MAINTENANCE PROCEDURES

DAILY MAINTENANCE

WARNING

Serious personal injury can result from a loose or damaged fan. Never pry on a fan this may cause fan damage and/or failure.

CHECK ENGINE FAN

To Check: Visually inspect cooling fan for cracks, loose bolts, bent or loose blades etc.

OPEN WATER SEPARATOR

Location: Water Separator Filter (A)

To Open: Shut off engine.

Turn valve on bottom of filter (A) counter clockwise.

Drain until clear fuel is present.

Retighten valve.

NOTE: If more than 2 oz. of fuel are drained, refilling of the filter is required to prevent hard starting. Refer to filter replacement on page 4-19 of this manual.
CHECK TRANSMISSION OIL LEVEL

Location: Dip stick (A)

To Check: Level out machine.

- Engine must be running to check.
- Bring transmission oil temperature to a minimum of 180°F.
- Remove dip stick (A). Oil should be between the add and full marks.
- Replace dip stick.

NOTE: If oil needs to be added refer to page 4-24 of this manual for oil capacities and equivalents.

CHECK HYDRAULIC OIL LEVEL

Location: Sight Glass (A) behind rear panel.

To Check: Move machine to level ground.

- Level frame.
- Completely retract boom.
- Lower boom to the ground.
- Position forks level

Oil should be visible 1/2 way in sight glass (A).

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.
DAILY MAINTENANCE

CHECK TIRE FOR PROPER INFLATION

Location: Wheel ends.

To Check: With valve stem positioned to the top of the tire check pressure with tire cold and properly functioning gauge.

Setting: 50 PSI.

⚠️ DANGER

All tires require a calcium chloride ballast or an optional foam fill to be operated safely. The loss of ballast can affect machine stability and cause a rollover resulting hazard resulting in damage, injury or death.

INSPECT AIR CLEANER

Location: Air Cleaner Assembly.

To Check: Remove rear of canister, remove element.

Guideline: Inspect filter element for contamination. Inspect tubing going to filter body from engine for cracks or leaks. Inspect air cleaner body and gaskets for cracks or leaks.

NOTE: Some versions of "C" model forklifts have two filter elements.

⚠️ WARNING

Due to various operating conditions, the air cleaner's element should be changed as environment requires.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

**CHECK HYDRAULIC RETURN FILTER (GAUGE)**

<Location: Pressure Gauge (A).

>To Check: Raise engine to full RPM.

Extend boom cylinder at full speed.

>Tolerance: Gauge (A) reading should not read more than 25 PSI. If reading is more than 25 PSI, filter element should be changed.

**CHANGE HYDRAULIC RETURN FILTER**

<Location: Spin on element (B).

>To Check: Lower boom as low as possible as to allow access to engine compartment.

Extend boom cylinder out fully.

Shut down machine.

Release reservoir pressure vent cap.

Remove spin on element (B) and existing o-ring.

Replace element (B) and new o-ring.

*NOTE:* This change interval is only for the first initial 50 hours of use. Following initial replacement of filter see Service Intervals on page 4-5 of this manual for standard change interval.
CHANGE TRANSMISSION OIL AND FILTER

Location: Transmission filter (A).
Drain plug (B)
Dipstick (C)

To Change: Bring transmission oil temperature to a minimum of 180 degrees F.

Remove drain plug (B).

Allow oil to drain completely into a proper collection container.

Clean area thoroughly around filter area.
Remove filter (A).

Apply a thin film of clean transmission oil to new filter gasket surface and install filter to manufactures specifications.

Install drain plug (B).

Fill transmission oil through dipstick (C) until oil is between the add and full marks.

Run engine for a minimum of 2 minutes at engine idle.

Check oil level at dipstick (C).

Raise transmission oil to a minimum of 180 degrees F. Recheck oil at dipstick (C).

NOTE: This change interval is only for the first initial 50 hours of use. Following initial replacement of oil and filter see Service Intervals on page 4-5 of this manual for standard change interval.

NOTE: Refer to page 4-24 of this manual from proper oil specification and capacities.
CHECK AXLE PLANETARY OIL

Location: Filler/Drain Plug (A)

To Check: Always check lubricant level in the wheel end with the filler/drain plug hole at the 3 or 9 o'clock position.

Remove Filler/Drain Plug (A).

Oil should run freely out of hole.

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.

CHECK AXLE DIFFERENTIAL OIL

Location: Fill Plug (A)
Check Plug (C)
Drain Plug (B)

To Check: Move machine to level ground.

Remove Check Plug (C) oil should flow freely from hole.

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE" checks prior to this time interval.

Complete all "50 HOUR MAINTENANCE" checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

**CHANGE AXLE DIFFERENTIAL OIL**

**Location:** Fill Plug (A)  
Check Plug (C)  
Drain Plug (B)

**To Change:** Remove Drain Plug (B)

- Allow oil to drain completely into a proper collection container.
- Fill oil until it flows freely from Check Plug (C).

**NOTE:** This time interval is for the first initial 100 hours. Refer to page 4-5 of this manual for additional service intervals.

**NOTE:** Refer to page 4-24 of this manual for proper oil specification and capacities.
CHANGE AXLE PLANETARY END OIL

Location: Filler/Drain Plug (A)

To Change: Rotate planet end until Filler/Drain Plug (A) is at lowest point of planet end.

Remove Filler/Drain Plug (A) and allow oil to drain completely into a proper collection container.

Rotate planet end until Filler/Drain Plug hole is at the 3 or 9 o'clock position.

Fill oil until it flows freely from Filler/Drain Plug.

Replace Filler/Drain Plug (A).

NOTE: This time interval is for the first initial 100 hours. Refer to page 4-5 of this manual for additional service intervals.

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.

CHANGE TRANSMISSION OIL AND FILTER

To Change: Refer to procedure listed on page 4-13 of this manual.

NOTE: This time interval is for the first initial 100 hours. Refer to page 4-5 of this manual for additional service intervals.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE" checks prior to this time interval.

Complete all "50 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "100 HOUR MAINTENANCE" checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

CHANGE HYDRAULIC RETURN FILTER

To Change: Refer to procedure listed on page 4-12 of this manual.
CHANGE ENGINE OIL AND FILTER

Location: Oil Filter (A)
Drain Plug (B)
Fill Spout (C)

To Change: Operate engine until water has reached 140 degrees F.

Place drain pan directly beneath engine oil Drain Plug (B). Allow oil to drain completely.

Clean area around engine Oil Filter (A).

Remove filter
Apply a thin film of clean oil around new filter gasket before installation

Fill new engine oil filter with clean oil before installation

Install filter to manufacturer specifications
Clean surface around drain plug (B)
Install drain plug (B)

Fill engine with proper oil through oil fill spout (C).

NOTE: Refer to page 4-24 of this manual for proper oil specification and capacities.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE" checks prior to this time interval.

Complete all "50 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "100 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "250 HOUR MAINTENANCE" checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

**REPLACE FUEL FILTERS**

**Location:** Filter (A)  
Water Separator (B).

**To Change:** Wipe all dirt from area surrounding filter(s).  
Remove filter(s). Thoroughly clean gasket sealing surface after filter removal.

 Fill new filter(s) with fuel.

 Install new filter(s).

 Install filter according to filter manufacturer specification.

**NOTE:** John Deere engines only have one filter element. It is used as a filter and water separator.
MAINTENANCE PROCEDURES

500 HOUR MAINTENANCE

CHECK COOLANT CONCENTRATION

Location: Tank Cap (A).

To Check: Remove Tank Cap (A).

Factory setting is 50/50 mixture of water and ethylene-glycol based antifreeze. (-34 degrees F)

NOTE: All John Deere engines require "John Deere Cool Gard" to be added to coolant whenever changing or adding coolant. Available from your local John Deere dealer.

750 HOUR MAINTENANCE

Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE" checks prior to this time interval.

Complete all "50 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "100 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "250 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "500 HOUR MAINTENANCE" checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

CHANGE AXLE OILS

To Change: Refer to procedures listed on pages 4-15 & 4-16 of this manual.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE" checks prior to this time interval.

Complete all "50 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "100 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "250 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "500 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "750 HOUR MAINTENANCE" checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

**MANUFACTURER ENGINE MANUALS ARE AVAILABLE FROM YOUR LOCAL TEREX HANDLER DEALER.**

**ADJUST ENGINE VALVES**

To Adjust: See engine manual for procedure.

**CHECK FAN BELT TENSION**

To Check: See engine manual for procedure.

**CHECK FAN BELT CONDITION**

To Check: See engine manual for procedure.

**CHANGE TRANSMISSION OIL AND FILTER**

To Change: Refer to procedure listed on page 4-13 of this manual.
ADJUST EXTENSION - RETRACTION CHAINS

TO CHECK: Proper adjustment can be checked with a tape measure. Extend boom fully, then retract about one inch. On either side of the middle boom section estimate the center. Place one end of the tape measure on top surface of the boom directly above estimated center.

TOLERANCE: Measurement from top surface of boom to lowest part of extension chain should be no less than 2 3/8 inches.

TO ADJUST: If the measurement is less than 2 3/8 inches, tighten chain anchor (A), which is located on the top, front of the large boom tube as follows:

A. Tighten an adjustable wrench across the flat part of the chain just ahead of the chain anchor (A).

B. With a 1 7/16 inch wrench tighten the one inch nut to collapse the spring. Continue to tighten until chain is in tolerance.

C. With a feeler gauge check the gap between the spring (B). The gap should be no less than .030. Spring coils should never be collapsed completely.
Perform "BEFORE SERVICING PROCEDURES" before attempting any of the following checks.

Complete all "DAILY MAINTENANCE" checks prior to this time interval.

Complete all "50 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "100 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "250 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "500 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "750 HOUR MAINTENANCE" checks prior to this time interval.

Complete all "1000 HOUR MAINTENANCE" checks prior to this time interval.

Perform "BEFORE OPERATING CHECKS" before attempting any of the following checks.

**FLUSH AND PRESSURE TEST COOLING SYSTEM**

To Test: See engine manual for procedure.
MAINTENANCE PROCEDURES

FILTER GUIDE

FILTER

<table>
<thead>
<tr>
<th>FILTER</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Oil Filter/Cummins</td>
<td>7-343-08</td>
</tr>
<tr>
<td>Engine Oil Filter/John Deere</td>
<td>7-183-101</td>
</tr>
<tr>
<td>Transmission Filter</td>
<td>7-126-349</td>
</tr>
<tr>
<td>Hydraulic Return Filter</td>
<td>7-256-05</td>
</tr>
<tr>
<td>Engine Air Cleaner Element/Inner (Cummins both models)</td>
<td>7-204-05</td>
</tr>
<tr>
<td>Engine Air Cleaner Element/Outer (Cummins both models)</td>
<td>7-204-04</td>
</tr>
<tr>
<td>Engine Air Cleaner Element (636C John Deere)</td>
<td>7-109-04</td>
</tr>
<tr>
<td>Engine Air Cleaner Element (644C/842C John Deere W/Plastic Cannister)</td>
<td>7-109-04</td>
</tr>
<tr>
<td>Engine Air Cleaner Element/Inner (644C/842C John Deere W/Metal Cannister)</td>
<td>7-204-05</td>
</tr>
<tr>
<td>Engine Air Cleaner Element/Outer (644C/842C John Deere W/Metal Cannister)</td>
<td>7-204-04</td>
</tr>
<tr>
<td>Engine Fuel Filter/Cummins (W/Petcock)</td>
<td>7-343-10</td>
</tr>
<tr>
<td>Engine Fuel Filter/Cummins (WO/Petcock)</td>
<td>7-343-09</td>
</tr>
<tr>
<td>Engine Fuel Filter/John Deere</td>
<td>7-183-118</td>
</tr>
<tr>
<td>Hydraulic Reservoir Filler-Breather</td>
<td>7-272-11</td>
</tr>
</tbody>
</table>

RECOMMENDED FLUIDS AND CAPACITIES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAPACITY</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Oil/Cummins</td>
<td>10.8 Quarts</td>
<td>Refer to Cummins engine manual</td>
</tr>
<tr>
<td>Engine Oil/John Deere</td>
<td>13 Quarts</td>
<td>Refer to John Deere engine manual</td>
</tr>
<tr>
<td>Transmission Oil</td>
<td>3.4 Gallons</td>
<td>Citgo Citgard 500</td>
</tr>
<tr>
<td>Axles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Differential</td>
<td>9 Qts.</td>
<td>SAE 80W90 LS</td>
</tr>
<tr>
<td>Planet Ends</td>
<td>1 Qt.</td>
<td>SAE 80W90 LS</td>
</tr>
<tr>
<td>Hydraulic System</td>
<td>38 Gallons</td>
<td>Chevron AW 46</td>
</tr>
</tbody>
</table>

NOTE: Fluid levels very slightly from machine to machine so fluid levels should always be manually checked.
GAUGE PORT 1 (G1)
MAIN PUMP PRESSURE

Location: Test port (A)
Hydraulic Pump (B)
Adjuster (C).

To Check: Attach gauge to test port (A). Start engine do
not operate any controls. Pressure readings
should be as follows:

<table>
<thead>
<tr>
<th>Model</th>
<th>PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-636C</td>
<td>2800</td>
</tr>
<tr>
<td>SS-644C</td>
<td>3000</td>
</tr>
<tr>
<td>SS-842C</td>
<td>3000</td>
</tr>
</tbody>
</table>

To Adjust: Remove acorn nut from adjuster (C)
and turn clockwise to increase pressure and
counter clockwise to decrease pressure.

GAUGE PORT 2 (G2)
STEERING SYSTEM PRESSURE

Location: Test port (A)
Control Block (B)
Cartridge (C)

To Check: Attach gauge to test port (A). Start engine do
not operate any controls. Pressure readings
should be as follows:

<table>
<thead>
<tr>
<th>Model</th>
<th>PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-636C</td>
<td>2250</td>
</tr>
<tr>
<td>SS-644C</td>
<td>2250</td>
</tr>
<tr>
<td>SS-842C</td>
<td>2250</td>
</tr>
</tbody>
</table>

To Adjust: Loosen jam nut on cartridge (C) and turn
clockwise to increase pressure and counter
clockwise to decrease pressure.
MAINTENANCE PROCEDURES

HYDRAULIC PRESSURE SETTINGS

**GAUGE PORT 3 (G3)**
**CONTROL (PILOT) PRESSURE**

*Location:* Test port (A)
Control Block (B)
Cartridge (C)

*To Check:* Attach gauge to test port (A). Start engine do not operate any controls. Pressure readings should be as follows:

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-636C</td>
<td>500 PSI</td>
</tr>
<tr>
<td>SS-644C</td>
<td>500 PSI</td>
</tr>
<tr>
<td>SS-842C</td>
<td>500 PSI</td>
</tr>
</tbody>
</table>

*To Adjust:* Loosen jam nut on cartridge (C) and turn clockwise to increase pressure and counter clockwise to decrease pressure.

**GAUGE PORT 4 (G4)**
**TILT LIMITER PRESSURE**

*Location:* Test port (A)
Tilt Limit Block (B)
Cartridge (C)

*To Check:* Attach gauge to test port (A). Start engine completely collapse fork tilt cylinder and hold in a dead head position. *(Tilt cylinder must be collapsed completely to get a pressure reading).*

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-636C</td>
<td>1200 PSI</td>
</tr>
<tr>
<td>SS-644C</td>
<td>1200 PSI</td>
</tr>
<tr>
<td>SS-842C</td>
<td>1200 PSI</td>
</tr>
</tbody>
</table>

*To Adjust:* Loosen jam nut on cartridge (C) and turn clockwise to increase pressure and counter clockwise to decrease pressure.
MAINTENANCE PROCEDURES

HYDRAULIC PRESSURE SETTINGS

GAUGE PORT 1A (G1A)
SERVICE BRAKE ACCUMULATOR

Location: Test port (A)

To Check: Attach gauge to test port (A). Start engine do not operate any controls. Shut down engine the pressure readings should maintain for two minutes as follows:

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-636C</td>
<td>2800</td>
</tr>
<tr>
<td>SS-644C</td>
<td>3000</td>
</tr>
<tr>
<td>SS-842C</td>
<td>3000</td>
</tr>
</tbody>
</table>

To Adjust: Not adjustable. If pressure does not remain for two minutes as required accumulator must be replaced.

NOTES
SECTION 5

MATERIAL SAFETY DATA SHEETS
TABLE OF CONTENTS

SECTION 5- MATERIAL SAFETY DATASHEETS
The Federal Occupational, Safety and Health Administration (OSHA) Standard 29 ctr 1910.1200, and in some cases state and local Right-To-Know laws, may require specific MSDS be available to employees prior to operating this equipment. This may include information on substances contained in the equipment such as antifreeze, brake fluid, battery acid and hydraulic fluid.

TEREX HANDLERS will provide, at no cost, Material Safety Data Sheets which are applicable to their product line. Simply request them from your local TEREX HANDLER dealer or contact us at:

TEREX HANDLERS
P.O. Box 248
Baraga, MI 49908-0248
http://www.sqshooter.com
E-mail: bpi@up.net

To ensure a prompt response, please be sure to include your return address and zip code, along with the machine model and serial number.
The following warning is required on all off road equipment operating in the State of California. If you are operating a TEREX HANDLER in the State of California and do not see the approved warning label, please contact us for a replacement at no charge. Our address is:

TEREX HANDLERS
P.O. Box 248
Baraga, MI 49908-0248
http://www.sqshooter.com
E-mail: bpi@up.net

CALIFORNIA
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.