



## PT. BANIAH RAHMAT UTAMA





















#### CHAPTER 2 - SAFETY, AND DECALS

#### DECALS



WARNING: An illegible or missing decal can have lar-reacting consequences, inspect decals daily. Crean and replace damaged decals as necessary. Failure to comply can result in machine damage, injury, or death.



WARNING: Make sure that the docats are perfectly legible, clean them regularly and replace decals that are destroyed, lost, painted over or no longer legible with new ones. When parts bearing decals are replaced, be sure to put new decals on each new part. Failure to comply can result in machine damage, young or death.

NOTE: When you clean the decals, use only a cloth, water and soup. Do not use solvents, gasoline, etc.

NOTE: This chapter only covers decais relating to safety and machine operation and servicing. For information on all decais for the machine, consult your authorized dealer.



This symbol instructs you to refer the Operator's



This symbol instructs you to refer to the Reps



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- Keep all parts of the mischine is sale dutance away from the power source. See the decal or the machine. You must also know any federal studeprovincial, or local safety codes or regulations that apply to the job site.
  - If a part of the machine touches high voltage power:
- Warn other workers NOT TO TOUCH THE MACHINE and to stay away from the machine.
- If you can beak contact, reverse the operation that caused contact with the high voltage power, and move the machine away from the danger area. If you cannot break contact stay in the machine until the utility company do-energizes the line and tells you that the power is off.
- If you have extreme conditions, such as a fire, etc. and you are forced to leave the machine, do not step off the machine, Jump as fire from the machine as possible with your feet together and do not touch the ground with your hands.
- Do not operate the machine if you do not keel well.
   This can be dangerous for you and for the people around you.
- You must make a judgment if weather, road or earth conditions will permit safe operation on a hill, ramp, or rough ground.
- Stay away from hazardous areas such as ditches, overhangs, etc. Walk around the work area before you start and look for hazards.
- Be alert and always know the location of all workers in your area. Keep all other persons completely away from your machine. Injury or death can result if you do not follow these
- Develop fluid and smooth operating techniques, and maintain the surface condition where the machine travels in order to control vibration transfer to the operator.

#### MAINTENANCE PRECAUTIONS

- Do not attempt repairs unless trained. Heler to manuals and experienced repair personnel for help.
- Before you service the machine, put a DO NOT OPERATE tag on the key switch, Make sure that the machine is clearly "lagged out".
- Wear protective glasses and other required safety squipment when servicing or repairing the machine.
- Wear gloves to protect hands when handling cable.
- Disconnect the battery before working on the electrical system. Know the consequences of disconnecting any electronic or computer devices.

- Aroid subrication or mechanical adjustments with the machine in motion or the engine operating. If the engine must be in operation to make curtain adjustments, place he businessistion in multail, apply the parking device, place the bucket/state/ment in a sete position, socurely block the wheels and use extreme causers.
- Securely block the machine or any component that may fall before working on the machine or component. If possible, use a fack up or secondary blocking device as well.
- To prevent unexpected movement, securely block working elements when repairing or changing working tool parts such as cutting edges.
- Never make repairs on pressurized components, fluid, gas or mechanical until the pressure has been releval according to the manufacturer's instructions.
- Use extreme caution when removing radiator reservoir, or tank caps, drain plugs, grease fittings or pressure taps. Park the machine and let it cool before opening a pressurated tank.
- Release all pressure before working on systems which have an accumulator.
- Use a piece of cardboard, newspaper, or wood to check for any pressurized leaks to prevent fluid penetrating the skin. Pressurize accumulators with the proper gas according to manufacturer's recommendations.
- When inflating tires, use a self-attaching inflation chuck with remote shutoff and stand clear of the tire. Position yourself beside the tire and not beside the rim.
- · Towing this machine is not recommended.
- When absolutely necessary to tow the machine, do not exceed the recommended towing speed.
   Be sure the towing machine has sufficient braking capacity to stop the towed load, if the towed machine cannot be broked, a towbar must be used or two towing machines must be used - one in front pulling and one in the rear to act as a brake.
   Avoid towing over long distances.
- Observe proper maintenance procedures.
- Whenever servicing or replacing hardened pins, etc., use a brass drift or other suitable material between the hammer and pin. Alt: Use a brass hammer, drift or suitable material on the pin, etc.
- Keep the brakes and steering systems in good operating condition.
- Replace all missing, illegible or damaged safety signs or decals as necessary. Keep all safety signs and decals clean and legible.







CHAPTER 7 - GAF  CHAPT	AND CECALS  AND CECALS  And and supportant the sob site configure patterns  And and support signalment read ages  And and support signalment read ages  And and support the sold signal belief of dirt, descriptions may grow and change from the change of an nounty basis. Hills of dirt, descriptions may grow and change from the change of the day. It is your responsible changes on the day and keep the machine is considered and sold destance.  And the operations and nower above and  Watch for dystancers  On machines with independently operated while  Watch for dystancers  Watch for dy	

- \* If a below that causes lock of control such as memory service brakes, or engine occurs, stop the macrosc motion as quickly as possible. hences the seath key or disconnect awitch key. Place a OO NUT OPERATE tag on the machine. and keep it securely parked until the malfunction is corrected or the mediane can be safely lowed.
- · Description of machine limitations, and keep the
- . Operate and drive the machine with care and alspeed compatible with conditions. Use extracaution when operating over rough ground, on stopes, and when turning.
- Trais and avoid of hazards and obstructions such as district underground lines, troop, cliffs, overhead ascertical wires, or areas where there is
- · Carry loads in recommended positions for
- Never sit loads in secses of capacity.
- . Use the recommended machine ballast and

- · Before you operate at night, check that all lamps Huminate.
- . If your machine has a cab, make sure that all windows are clean and that the windshield wipen and washers work correctly.
- . Engine exhaust fumes can cause death. If you operate this machine in an enclosed area, make sure there is ventilation to replace the exhaust tumes with tresh air.
- Check all controls in a clear area and make sure the machine is operating correctly.
- . Dust tog, smoke, etc., can decrease your vision and cause an accident. Stop the machine or decrease the speed until you can see.
- Contact with high voltage power lines, underground cables, etc., can cause serious injury. or death from electrocution.
- Before you drive or operate in an area with high voltage lines, cables, or a power station, tell the power or utility company what you are going to do You Mist use and You MUST HAVE THE POWER DISCONNECTED OR KEEP A SAFE WORKING DISTANCE from the lines cables, or power station.



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#### PERSONAL

- Be prepared for entergencies. Always have a first aid kit and a working fire extinguisher with you and know how to use each.
- Avoid loose litting clothing, loose or uncovered long hair; jewelry and loose personal articles.
- Know and use the protective equipment that is to be worn when operating this machine. Hard halfs, protective glasses, protective shoes, ginwer, reflector type vests, respirators and ear protection are examples of equipment that may be required.
- Certain protective equipment should be implaced and minewed upon age and wear. Old healt hata may not aftered the original sitemaned protection.
   Finded and solled vests are no tonger as highly visible as the original intent. See the manufacturer's recommensation.
- . Do not rush. Walk, do not run.
- Know and use the hand signals required for pertoular jobs and know who has the responsibility the department.

#### GENERAL

- It is the responsibility of the operator to read and understand the Operator's Manual and other information provided, and use the correct operating procedure. Machines should be operated only by qualified operators.
- Do not operate this machine or parform maintenance work if you have not had appropriate training. Read and fully understand all the instructions and warnings in this manual.
- Wear the seat boil to maximize the protection capability of a ROPS (Roll Ower Protective Structure) when the machine is so equipped.
- Inspect the PIOPS and seat belt mounting boits on a delly basis to insure their integrity.
- Do not permit riders on the machine if there is no manufacturers designated place for a rider.
- Make sure that all protective guards, canopies, doors, etc are in place and secure.
- Remove all loose objects stored in the machine.
   Remove all objects which do not belong in or on the machine and its equipment.

#### MOUNTING AND DISMOUNTING PRECAUTIONS



- Use the recommended hand holds and steps with at least three points of support when getting on and off the machine. The door must be latched and secured in the open position before using the door hand hold. Keep steps and platform clean Face the machine and use the hand holds and steps adhering to a three-point access system when climbing up and down.
- . Do not jump off the machine.
- . Do not dismount while the machine is in motion.
- Foreign material or grease on the steps and hand holds can cause an accident. Keep the steps and hand holds clean.

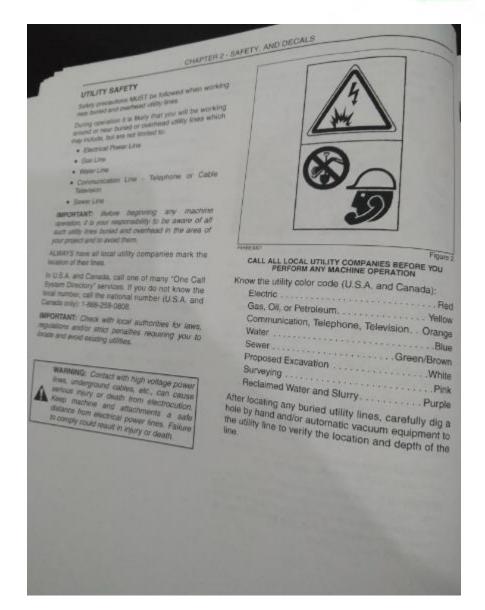
#### STARTING AND STOPPING PRECAUTIONS

- Walk around the machine and warn all personnel who may be servicing the machine or are in the machine path prior to starting. Do not start until all personnel are clearly away from the machine. Sound the hom, if equipped, before starting.
- Walk around the machine's tool, attachment, or furthermost contact point to view operation danger area from the work site personne's view and angle.
- Check that the parking device is applied, place the transmission in neutral or park as specified by the manufacturer, and disengage the PTO, if so equipped before starting the machine.
- Adjust, secure and latch the seat and fasten the seat bell before starting the machine.
- Start and operate the machine only from the operator's station.
- Do not typass the machine's neutral-start system. The neutral start system must be repaired if in malfunctions:















CHAPTER 2 - SAFETY, AND DECALS

#### SAFETY RULES

Most accidents involving machine operation and movimenance can be availed by following basic safety rules are precautions. Plead and understand all the safety mescages in this manual, the catety misman and the catety signs on the machine before you operate or service the machine. See your destiret you have any quotiens.



OPERATOR'S MANUAL STORAGE SPACE

READ THIS MANUAL COMPLETELY and make sure you understand the controls. All equipment has a limit, Make sure you understand the speed, brakes steering, stability, and load characteristics of the machine before you start to operate the machine.

DO NOT remove this manual or the safety manual from the machine. See your dealer for additional manuals. Also see the manual information on the Title pages (first and second pages in front of the Table of Contents) of this marcial

The safety information given in this manual does not replace safety codes, insurance needs, lederal, state, or local laws. Make sure that your machine has the correct equipment according to these rules or

Additional safety messages are used in the text of the manual to show specific safety hazards.

IMPORTANT: The salety messages in this chapter point out conditions which can happen during the normal operation and maintenance of your machine. These safety messages also give possible ways of dealing with these conditions.

#### PERSONAL SAFETY

- DANGER Indicates an immediate hearedous shadon which if not evoded, will result in death or serious injury. The color associated with Danger is RED.
- WARNING Indicates a potentially hezardous effuation which, if not avoided will result in scrious linjury. The color associated with Warning is GRANGE.
- CAUTION Indicates a potentially hazardous situation which, it not avoided, may result in minor or moderate injury it issay size the used to allert against unsale practices. The order associated with Caution is YELLOW.

ISO two panel pictorial symbol decals, it used are

- . The first penel indicates the nature of the hazard.
- . The second panel indicates the appropriate avoidance of the hazard.
- · Background color is YELLOW.

Prohibition symbols such as \( \infty \times \text{ and } \emptyset \text{II} used, are RED.



