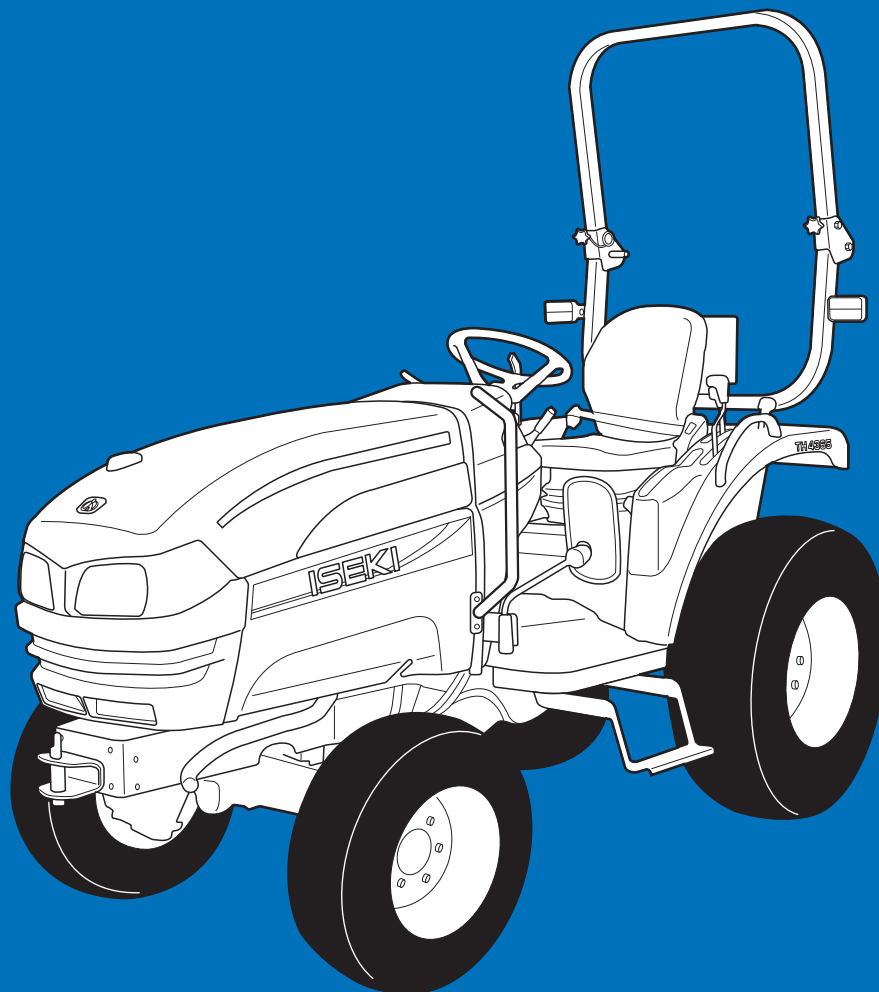


ISEKI TRACTORS



4WD



Operator's Manual

MODELS:

TH4295F3/FH3

TH4335F3/FH3

TH4365F3/FH3



ISEKI

ENGLISH

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

Starting Engine and Operating Tractor

- (1) Before starting the engine indoors, make sure that there is proper ventilation because exhaust fumes contain poisonous carbon monoxide, which cause lethal poisoning.
- (2) Before starting the machine, confirm that the transmission gear has been shifted to the appropriate speed, that there is no one near the machine, and that the implement is securely installed on the machine.

Always operate the machine from the operator's seat. Never leave the seat except in an emergency when operating the machine.

- (3) Before starting to move, pay attention to safety conditions around the machine to avoid injury to bystanders or damage to property. Never move abruptly.

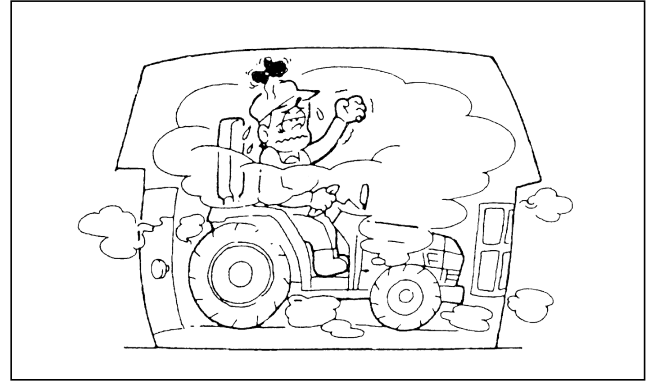


FIG. 9

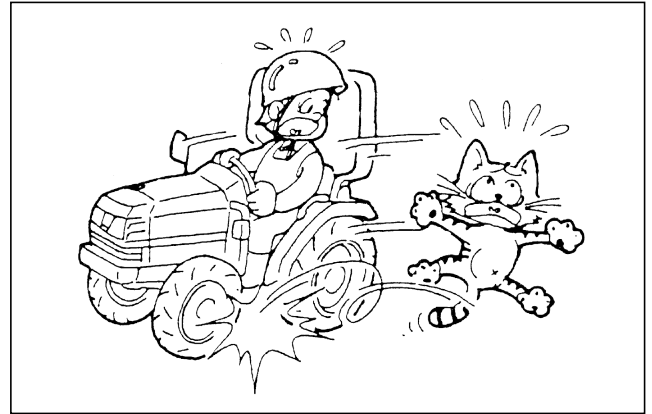


FIG. 10

When Traveling

- (1) Below are cases where the tractor may overturn. This list is not exhaustive.

- When you travel on roads, latch the brake pedals, 1, together by using interlocking plate, 2, or the tractor may overturn by 1 wheel locking. (Mechanical / Synchro shuttle transmission)
- When you travel on roads, ensure the differential lock is off.
- Do not make sharp turns when operating at high speed or for transportation.
- Do not make sharp turns on a slope.

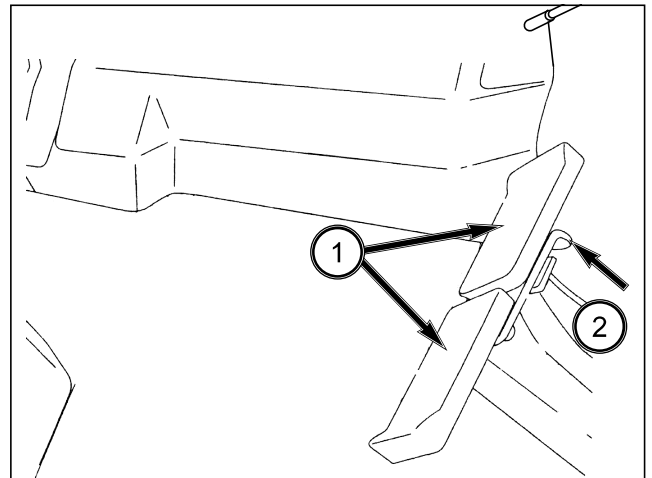


FIG. 11

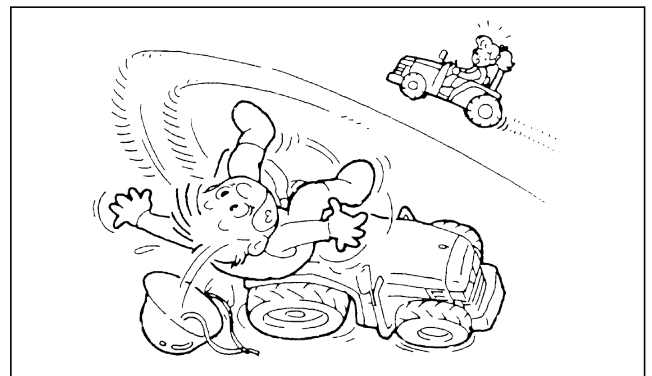
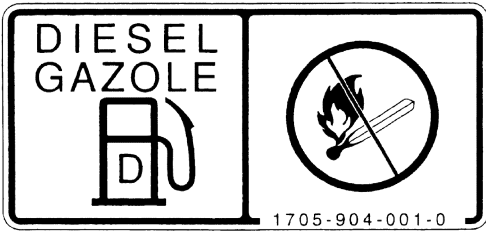


FIG. 12

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

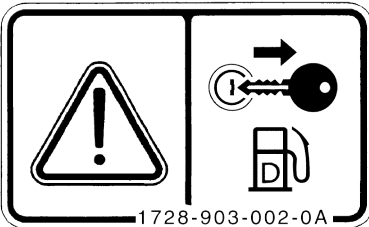
- D. **WARNING: RISK OF INJURY OR DAMAGE**
Pay attention to safety around the machine to avoid injury to bystanders or damage to property.
- E. **WARNING: RISK OF OVERTURNING**
Never operate the tractor on a slope of over 10 degrees, or it could overturn.
- F. **WARNING: RISK OF INJURY OR DAMAGE**
Never allow other persons to get on the tractor or the implement.

(12) Fuel label
(Code No.1705-904-001-00)



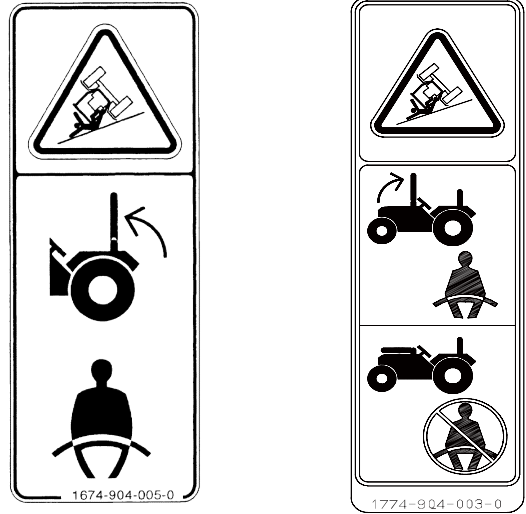
DANGER: RISK OF EXPLOSION AND BURNS
Use only diesel fuel.
Before replenishing fuel, be sure to stop the engine and wait until the engine and heated parts cool down sufficiently. Keep sparks, open flames, etc. away from the fuel tank.
No smoking!

(13) Stop the engine when replenishing a fuel label
(Code No.1728-903-002-00)



DANGER: RISK OF EXPLOSION AND BURNS
Before replenishing fuel, be sure to stop the engine and wait until the engine and heated parts cool down sufficiently.

(14) ROPS label
(Code No.1674-904-005-10 For Rear ROPS)
(Code No.1774-904-003-00 For Center ROPS)



WARNING: RISK OF INJURY
Keep the ROPS in the upright position and fasten the seat belt at all times. Do not jump from the seat if the tractor starts to overturn, or you could be crushed under the tractor. The ROPS should usually be kept in the upright position during operation. However, when the ROPS has to be lowered, do not wear the seat belt and operate the tractor with extreme caution.
Do not operate the tractor with a damaged or modified ROPS.

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

INSTRUMENT PANEL

FIG. 37: Arrangement of gauges. Control switches and indicators located in instrument panel. Items are detailed in the descriptions that follow:

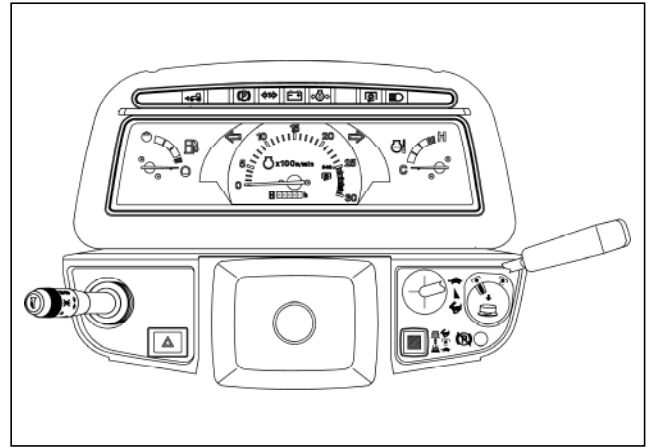


FIG. 37

Main Switch

FIG. 38: Main switch (1) has the 4 following positions:

- **OFF** - Tractor engine and all electrical circuits off.(except for head light, turn / hazard position light, tail light, working lamp) Key can be removed.
- **ON** - Power supplied to all circuits. Normal operating position. Linkage on fuel injection pump moves (electrically) to the run position.
- **GLOW** - Energizes glow plugs to pre-heat combustion chambers and assist starting.
- **START** - Starter activated. This position spring loaded to "ON".

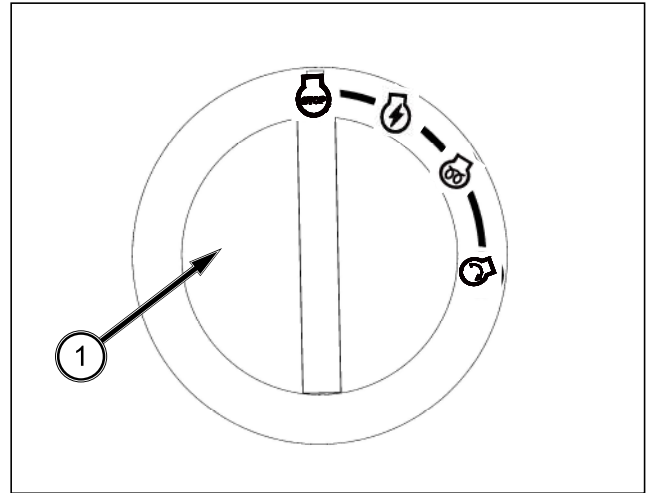


FIG. 38

Electric Fuel Shut-Off

Turning main switch to off position will stop engine.

NOTE: Main switch must be turned to "ON" before any circuits will operate. Clutch pedal must be depressed(Except for hydrostatic transmission)PTO switch must be off and gear shift lever and HST pedal (hydrostatic transmission only)in neutral before engine can be started.

This tractor is equipped with an electric fuel shut off. When main switch (1) is turned to "start", "on", or "glow" position and gear shift lever is placed in neutral, a solenoid moves the fuel linkage on injection pump to run position to start engine. When main switch is turned to "off", solenoid moves fuel linkage to off position to stop engine.

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

IMPORTANT: Always disengage front drive axle when operating in conditions with minimal wheel slippage (DRY OR HARD SURFACES).

IMPORTANT: If tire replacement is necessary, identical replacements must be installed to maintain correct front / rear axle ratio.

REAR PTO SELECTOR LEVER

FIG. 67: Rear PTO (power takeoff) selector lever (1) controls rear PTO on tractor.

When lever is backward, 540 min⁻¹ rear PTO is selected.

When lever is forward 1 000 min⁻¹ rear PTO is selected.

When returned to rear neutral (N) position, the gear lever is disengaged. (In case of independent clutch model)

Rear PTO selector lever is operated with PTO control switch on instrument panel. Refer to "Operation" selection for complete details.

IMPORTANT: Before moving rear PTO selector lever, PTO control switch on steering column must be off.



CAUTION: Always shut off PTO and shut off tractor engine before servicing PTO driven implement. Allow all movement and motion to stop before leaving operator's seat.

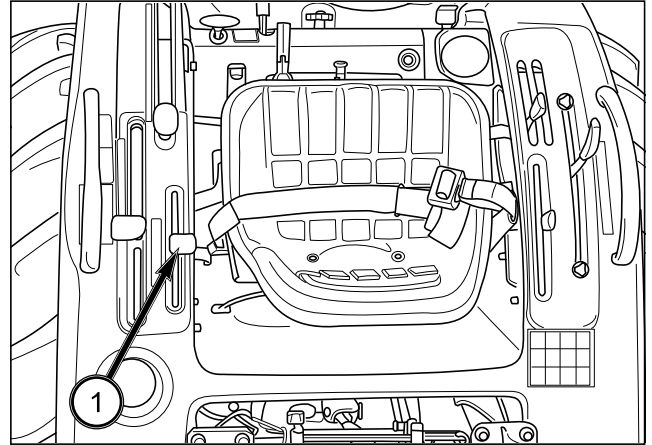


FIG. 67

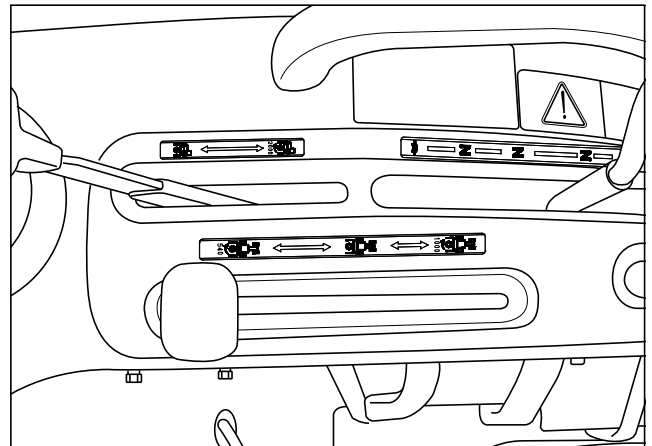


FIG. 68 (540 min⁻¹ selected)

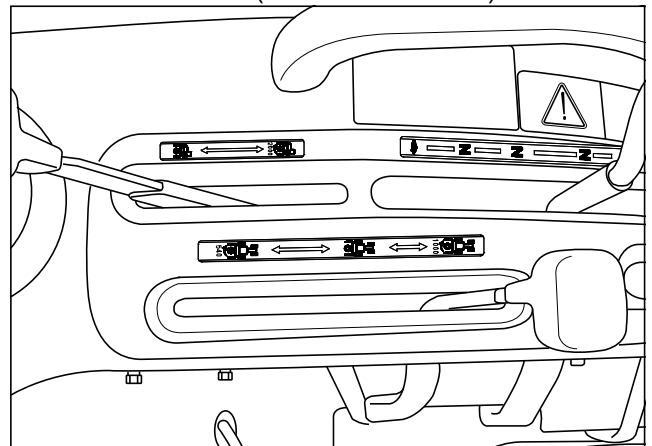


FIG. 69 (1000 min⁻¹ selected)

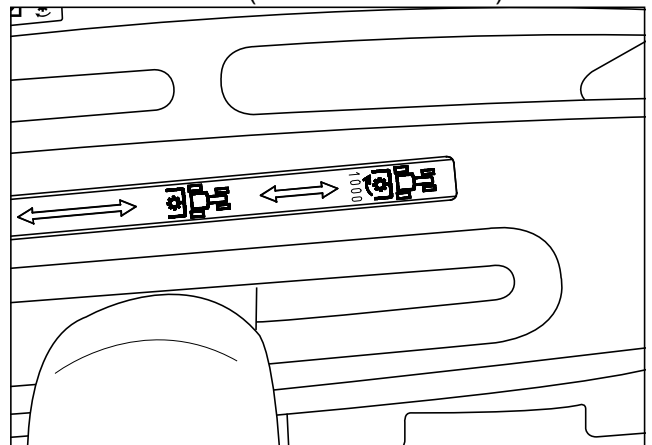


FIG. 70 (Neutral position)

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

GROUND SPEED SELECTION

Mechanical / Synchro Shuttle Transmission

FIG. 85: Gear shift lever (1) provides 4 gear selections. These gear selections are compounded by range shift lever (2). The range shift lever provides 3 major changes in ground speed. Gear shift lever provides smaller ground speed changes.

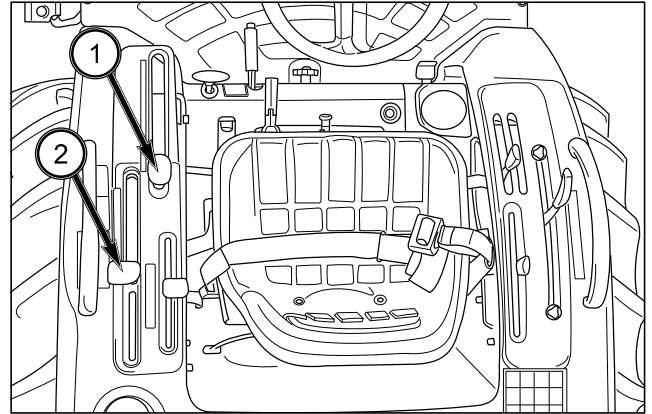


FIG. 85

Depress clutch pedal and position shift levers in desired positions. Depress brake pedals to release parking brake lock and then slowly release clutch pedal.

Should another transmission gear be desired:

- Range Shift - Depress the clutch pedal and shift gears after bringing the tractor to a complete stop.
- Gear shift - Depress clutch and brake pedals stopping the tractor. Select desired range lever position and continue with operation.

IMPORTANT: *Depress clutch and stop tractor before shifting all shift levers.*

TABLE 2: Speed chart (Mechanical transmission)

Shift Position		TH4295 (Engine 2 500 min-1)					
		Mechanical Transmission					
Range	Gear	Km / h					
Tire		Agri (12.4-16)	Agri (9.5-22)	Agri (9.5-24)	Agri (11.2-24)	Turf (315/80D-16)	Turf (13.6-16)
		Forward					
L	1	2.39	2.48	2.62	2.71	2.27	2.45
	2	3.16	3.29	3.47	3.59	3.01	3.25
	3	4.57	4.76	5.03	5.20	4.36	4.70
M	1	5.09	5.30	5.60	5.78	4.85	5.24
	2	6.73	7.01	7.40	7.65	6.41	6.92
	3	9.75	10.15	10.72	11.08	9.29	10.03
H	1	11.92	12.39	13.09	13.53	11.34	12.24
	2	15.74	16.38	17.31	17.88	15.00	16.19
	3	22.81	23.74	25.08	25.91	21.73	23.45
Max. Speed (Forward)		25.09 (High Idle)	26.11 (High Idle)	27.59 (High Idle)	28.50 (High Idle)	23.91 (High Idle)	25.80 (High Idle)
		Reverse					
L	R	2.23	2.32	2.45	2.53	2.12	2.29
M		4.75	4.95	5.22	5.40	4.53	4.89
H		11.11	11.57	12.22	12.62	10.59	11.43

* Agri Tire (11.2-24) is only for tractor with center ROPS (A-type) and joystick (J-type).

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

FIG. 106: The pressure control valve (7) operates when the PTO clutch (5) begins to operate, enabling efficient engaging of the PTO with a minimum of shock.

Setting the mode change switch (6) facilitates optimum engagement of the PTO.

Push PTO selectable switch (6) to engage rear and mid PTO more smoothly and slowly.

Push PTO selectable switch (6) again, to return to normal mode.

NOTE: Lower the engine speed when turning On PTO control switch if there is considerable shock.

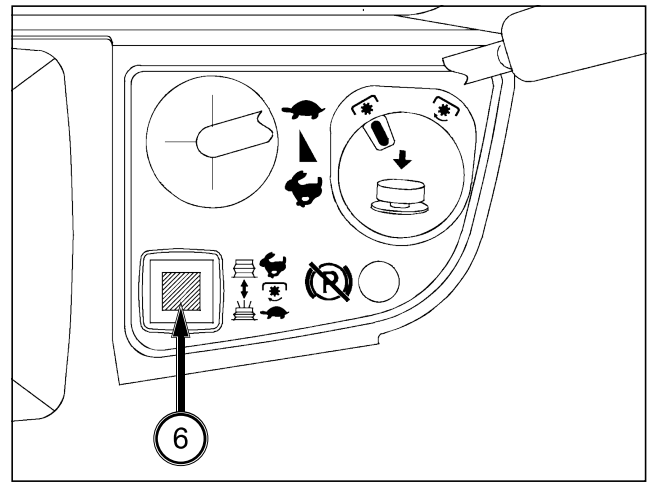


FIG. 106

TABLE 5: Selectable mode

Switch	Switch lamp	Required torque	Initial pressure rise at engage	speed of pressure rise	Shock & noise at engage	Attachment
OFF	OFF	Big	High	Short	Normal	Rotary, Cultivator
ON	ON	Small	Low	Long	Smaller	Mower, Hayer

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

NOTE: Fig. 134 - To prevent PIN ASSY from being lost, bind the ring of wire by frame and rubber washer, and tighten up bolt (4).



CAUTION: The purpose is fixing wire, tighten up the bolt so that the spring parts of it is crushed.



FIG. 134

Front Hitch & Bumper Frame

FIG. 135: Front hitch (1) and bumper frame (2) are equipped on the tractor.

NOTE: Tractor should be balanced well with attaching the front weight to the front bumper when the heavy implement is attached to the rear side of the tractor. When attaching the front weights, consult your dealer.

Maximum number of the front weights are up to 6 weights.

Maximum Weight	90 kg (15 kg weight x 6 pieces)
----------------	---------------------------------

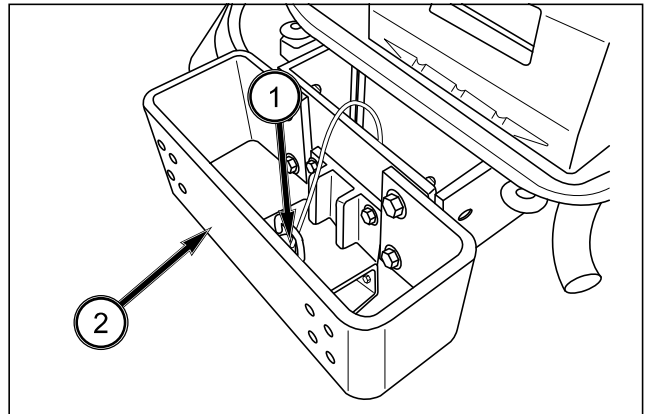


FIG. 135

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

LUBRICATION DETAILS

Grease Fittings

Lubricate all grease fittings every 50 hours of operation. Clean grease gun and fittings before and after greasing to prevent contamination from dirt.

NOTE: When operating in muddy or extremely wet conditions, daily lubrication of fittings is recommended.

Engine Oil & Filter

Engine oil and filter should be changed after first 50 hours of operation and then engine oil replace every 200 hours and engine oil filter replace every 200 hours thereafter.

FIG. 145: To Check Engine Oil Level - Park tractor on level ground. Make sure to allow the engine to cool sufficiently before checking the engine. Pull out dipstick (1) and check that oil level is between upper limit, F, and lower limit, L, on dipstick. Wipe off dipstick, momentarily reinstall in engine and check oil level again.

Add oil through filler opening (2) as required.

NOTE: Add oil slowly to assist in venting air from crankcase.

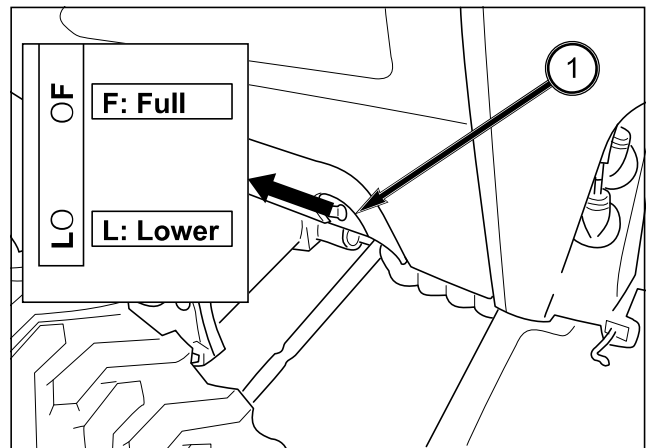


FIG. 145

FIG. 146: To Change Engine Oil - Operate tractor until oil is adequately warmed. Remove drain plug(s) (3) from engine and allow all oil to drain.

Reinstall drain plug(s) and fill engine crankcase to upper limit on dipstick.

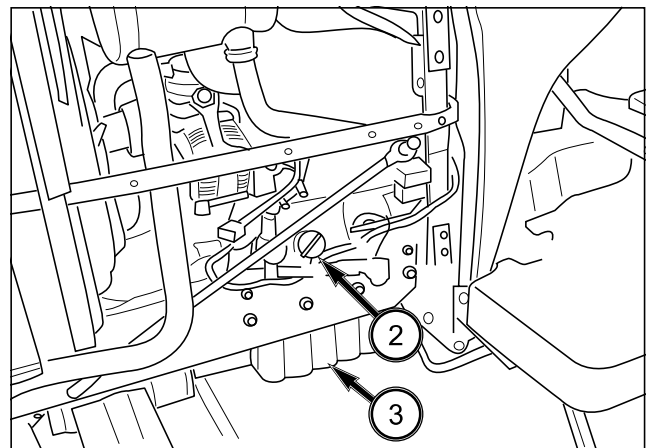


FIG. 146

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

IMPORTANT: When storing tractor for long period without operation, self discharge of battery will happen (especially in winter). If the tractor is stored for more than 1 month, the battery minus terminal should be disconnected.

When operating for the first time or after long term storage, check if the battery charge level is enough. (If measurement of battery voltage is available, check if the voltage is more than 12.5 V.) As the battery discharge even when it is not used, it should be charged every month.

Starting Switches

This tractor is equipped with a neutral-start system consisting of neutral switches and a relay. To start tractor, ALL the following is required:

- Operator seated on the seat.
- Depress the clutch pedal (Mechanical and Synchro Transmission)
- Forward / Reverse Lever in Neutral (Synchro Transmission)
- Do not depress the HST pedal. (HST model)
- Sub shift lever set to neutral position. (HST model and Synchro Transmission)
- Rear PTO Switch (Lever) in Off position

Never fail to install the seat with neutral switch.

NOTE: A seat safety switch is incorporated into system. The engine stops when operator leaves seat when either PTO is engaged and / or range shift lever is not in neutral.



WARNING: DO NOT bypass or modify the neutral switch. If the neutral start system does not operate properly, consult your dealer immediately.

Safety Switches

This tractor is equipped with a safety-start system consisting of safety switches and safety relay. To start tractor, ALL the following is required:

- Gearshift lever must be in neutral position
- PTO control switch must be OFF

Wiring / Fuse Arrangement



CAUTION: Keep all wiring connections clean and tight. Make sure wiring is correctly secured to prevent damage.



CAUTION: DO NOT alter wiring by adding “home-made” extensions or replacements. Doing so can eliminate fuse protection and / or eliminate safety features of the system.



CAUTION: Tractor is equipped with negative (-) ground system. Tractor metal parts provide many electrical connections. For this reason, all positive (+) circuits must be insulated to prevent “grounding” or short circuits and prevent possible fire.



CAUTION: DO NOT replace any fuse with a fuse of higher amperage rating. DO NOT use wire (or foil) to by-pass fuse protection. Fire can result.

If fuses blow repeatedly, examine electrical system for “grounded” or “shorted” circuits.

TH4295F3/FH3, 4335F3/FH3, 4365F3/FH3

WASHING OF THE MACHINE

Wash the machine periodically. Carefully wash the area where mud spatters easily such as fender inner part.



CAUTION: If you use high pressure washer, be sure to use in accordance with this operator's manual and safety label of washer. In case of irregular use, it may cause personal injury and damage to the machine.



CAUTION: Set the nozzle of hose 'spread' and keep the distance more than 60 cm in order to avoid damage to the machine. Especially, be care for not to hit the water to electrical parts and label.

Unsuitable washing may cause the following accidents;

1. Fire as a result of short circuit or the damage to the electrical parts.
2. Oil leakage as a result of the damage to the hydraulic hose.
3. Damage to the machine.
 - (1) Label is came off.
 - (2) Accident occurs by the damaged electrical parts, engine, radiator, and interior.
 - (3) Rubber parts (tire, seal) and resin parts are damaged.
 - (4) Paint is came off.

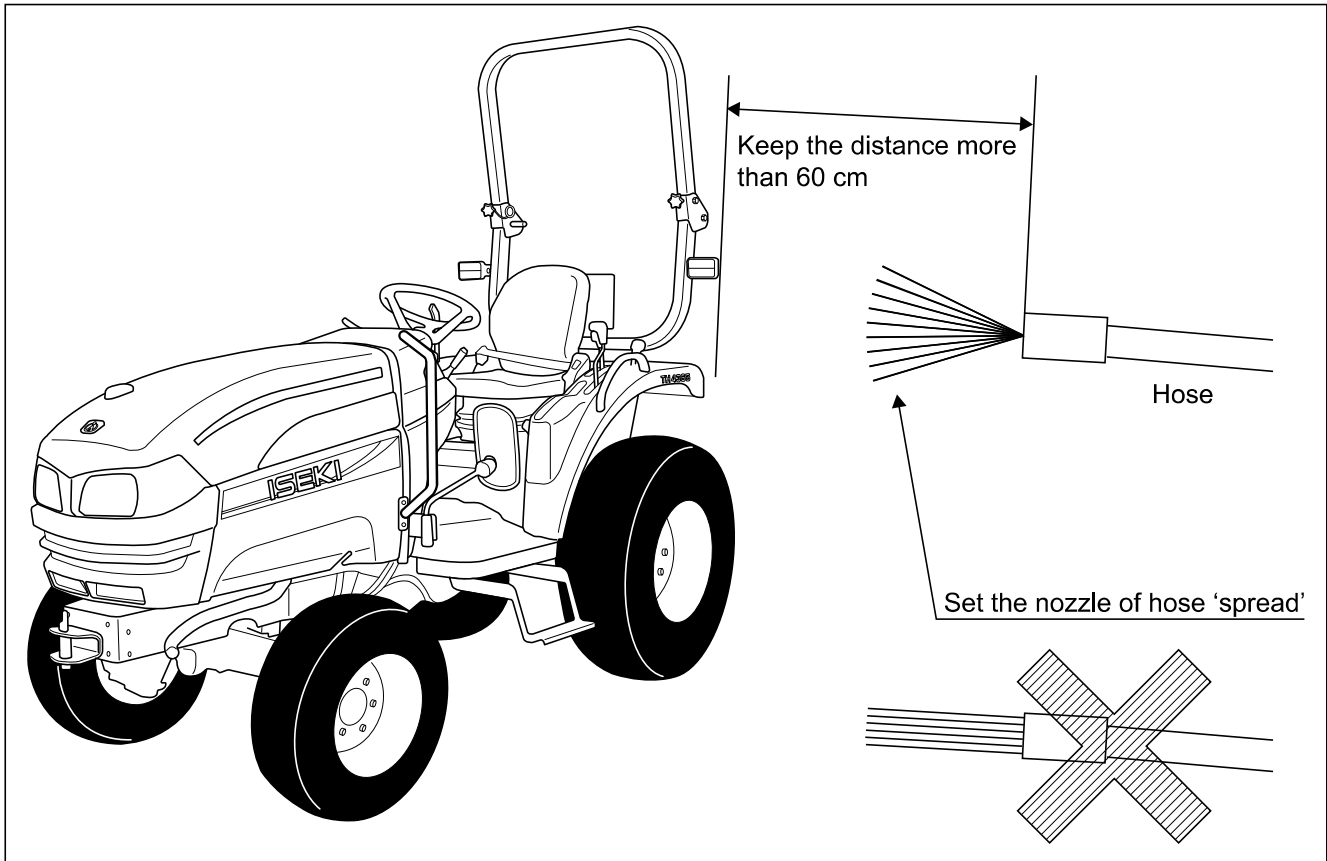


FIG. 190

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL