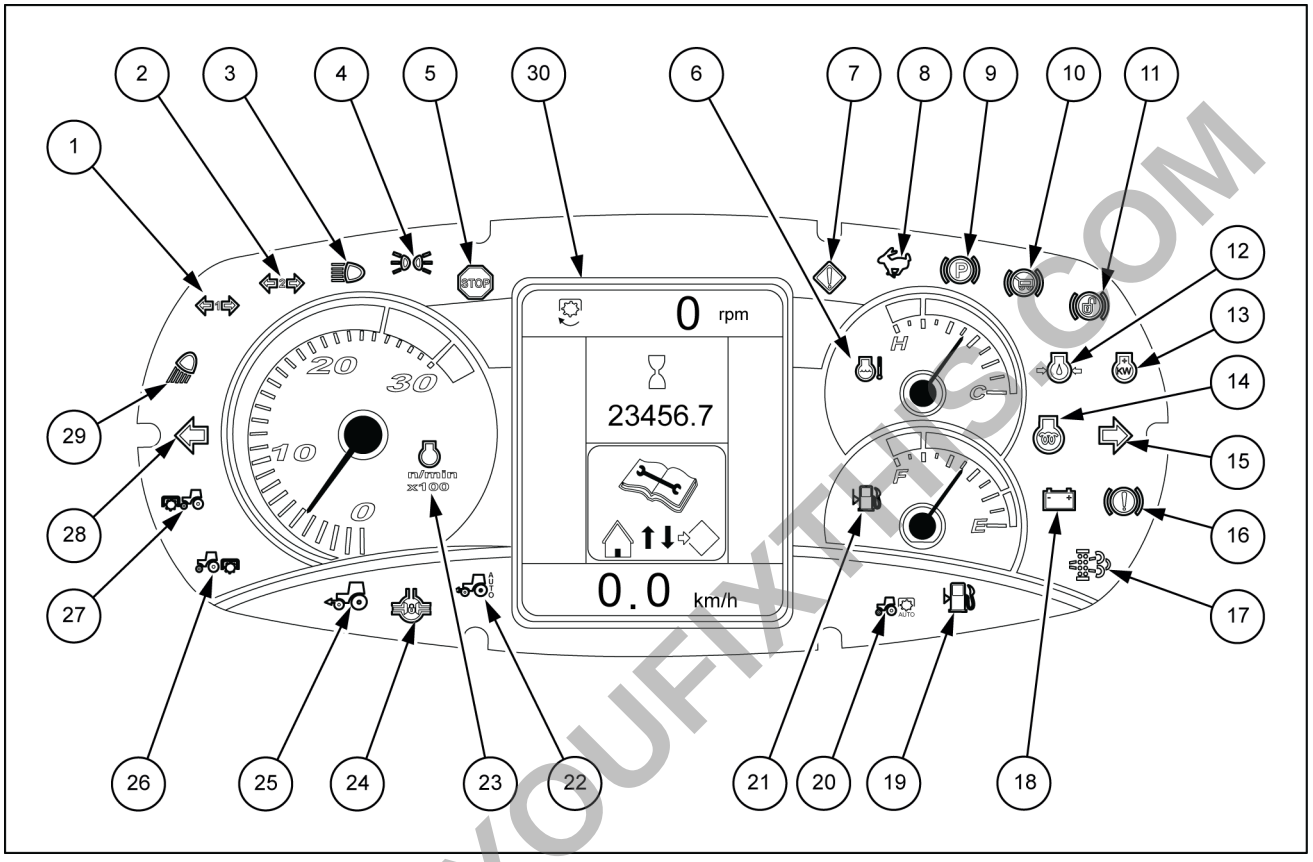
FORWARD CONTROLS

Instrument cluster



DCUTLBRNE002S3F 1

The indicator lights on the control panel inform you of the operational condition of the machine. Some of these indicate faults arising during operation. An indicator light coming on may be followed by a continuous or intermittent buzzer. Depending on the severity of the trouble, the alarm will sound.

1 **Trailer direction indicator light (green)**
This indicator light flashes together with the tractor/trailer direction indicators, if the first trailer is connected

2 **Trailer direction indicator light (green)**
This indicator light flashes together with the tractor/trailer direction indicators, if the second trailer is connected

3 **Full beam headlights (blue)**
This indicator light will illuminate when the tractor lights are switched to high beam.

4 **Sidelights (green)**
This indicator light is illuminated when the tractor lights are turned on.

5 **Stop warning light (red)**
If the red "Stop" warning light comes on, switch off the tractor immediately and look for the cause. A warning symbol will appear on the display **(30)** confirming the location of the fault.

6 **Engine coolant temperature gauge**
This instrument indicates the temperature of the engine coolant.

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4 - OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

Basic operating safety rules

⚠ WARNING

Inhalation/asphyxiation hazard!
Make sure there is proper ventilation before starting the engine.
Failure to comply could result in death or serious injury.

W0091A

⚠ WARNING

Unexpected machine movement!
Before starting the engine, move all operating controls to neutral or park lock position. This prevents accidental movement of the machine or start up of power-driven equipment.
Failure to comply could result in death or serious injury.

W0302A

⚠ WARNING

Hazard to bystanders!
ALWAYS make sure the work area is clear of bystanders and domestic animals before starting this procedure. Know the full area of movement of the machine. Do not permit anyone to enter the area of movement during this procedure.
Failure to comply could result in death or serious injury.

W0245A

⚠ WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE DEATH OR SERIOUS INJURY.
MAKE SURE THAT EVERY OPERATOR:
-is instructed in the safe and proper use of this machine.
-reads and understands the operator's manual for this machine.
-reads and understands ALL safety signs on the machine.
Failure to comply could result in death or serious injury.

W0188A

⚠ WARNING

Avoid injury!
Carefully read and observe all the precautionary advice contained in this manual.
Failure to comply could result in death or serious injury.

W0044A

⚠ WARNING

Misuse hazard!
Before starting the engine, make sure you are fully aware of the location and the function of each control.
Failure to comply could result in death or serious injury.

W0226A

The purpose of this Operator's Manual is to provide the user with information, documents and practical instructions.

Read the Operator's Manual carefully before using the tractor. This is particularly important if the tractor is to be used correctly as it contains all the information required on the layout and use of the tractor controls.

Even if you already have experience in using other makes of tractor, this manual must be studied carefully and thoroughly.

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7 - MAINTENANCE

GENERAL INFORMATION

General safety before you service

⚠ DANGER

Improper operation or service of this machine can result in an accident.
Do not operate this machine or perform any lubrication, maintenance, or repair on it until you have read and understood the operation, lubrication, maintenance, and repair information.
Failure to comply will result in death or serious injury.

D0010A

⚠ DANGER

Improper operation or service of this machine can result in an accident.
Any unauthorized modifications made to this machine can have serious consequences. Consult an authorized dealer on changes, additions, or modifications that may be required for this machine. Do not make any unauthorized modifications.
Failure to comply will result in death or serious injury.

D0030A

⚠ WARNING

Avoid injury! Always do the following before lubricating, maintaining, or servicing the machine.
1. **Disengage all drives.**
2. **Engage parking brake.**
3. **Lower all attachments to the ground, or raise and engage all safety locks.**
4. **Shut off engine.**
5. **Remove key from key switch.**
6. **Switch off battery.**
7. **Wait for all machine movement to stop.**

Failure to comply could result in death or serious injury.

W1023A

⚠ WARNING

Maintenance hazard!
Before you start servicing the machine, attach a DO NOT OPERATE warning tag to the machine in a visible area.
Failure to comply could result in death or serious injury.

W0004A

⚠ WARNING

Maintenance hazard!
Always perform all service procedures punctually at the intervals stated in this manual. This ensures optimum performance levels and maximum safety during machine operation.
Failure to comply could result in death or serious injury.

W0132A

⚠ WARNING

Improper operation or service of this machine can result in an accident.
Read and understand the SAFETY INFORMATION Section before you perform any maintenance, service, or repairs. Read and understand the specific service procedures for the components you plan to work with before you start servicing the machine.
Failure to comply could result in death or serious injury.

W0138A

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8 - TROUBLESHOOTING

FAULT CODE RESOLUTION

TROUBLESHOOTING ENGINE

⚠ WARNING

Avoid injury! Always do the following before lubricating, maintaining, or servicing the machine.
1. **Disengage all drives.**
2. **Engage parking brake.**
3. **Lower all attachments to the ground, or raise and engage all safety locks.**
4. **Shut off engine.**
5. **Remove key from key switch.**
6. **Switch off battery key, if installed.**
7. **Wait for all machine movement to stop.**

Failure to comply could result in death or serious injury.

W0047A

⚠ WARNING

Improper operation or service of this machine can result in an accident.
If you do not understand a maintenance procedure, or doubt your ability to perform a maintenance procedure correctly, see your authorized dealer.
Failure to comply could result in death or serious injury.

W0157A

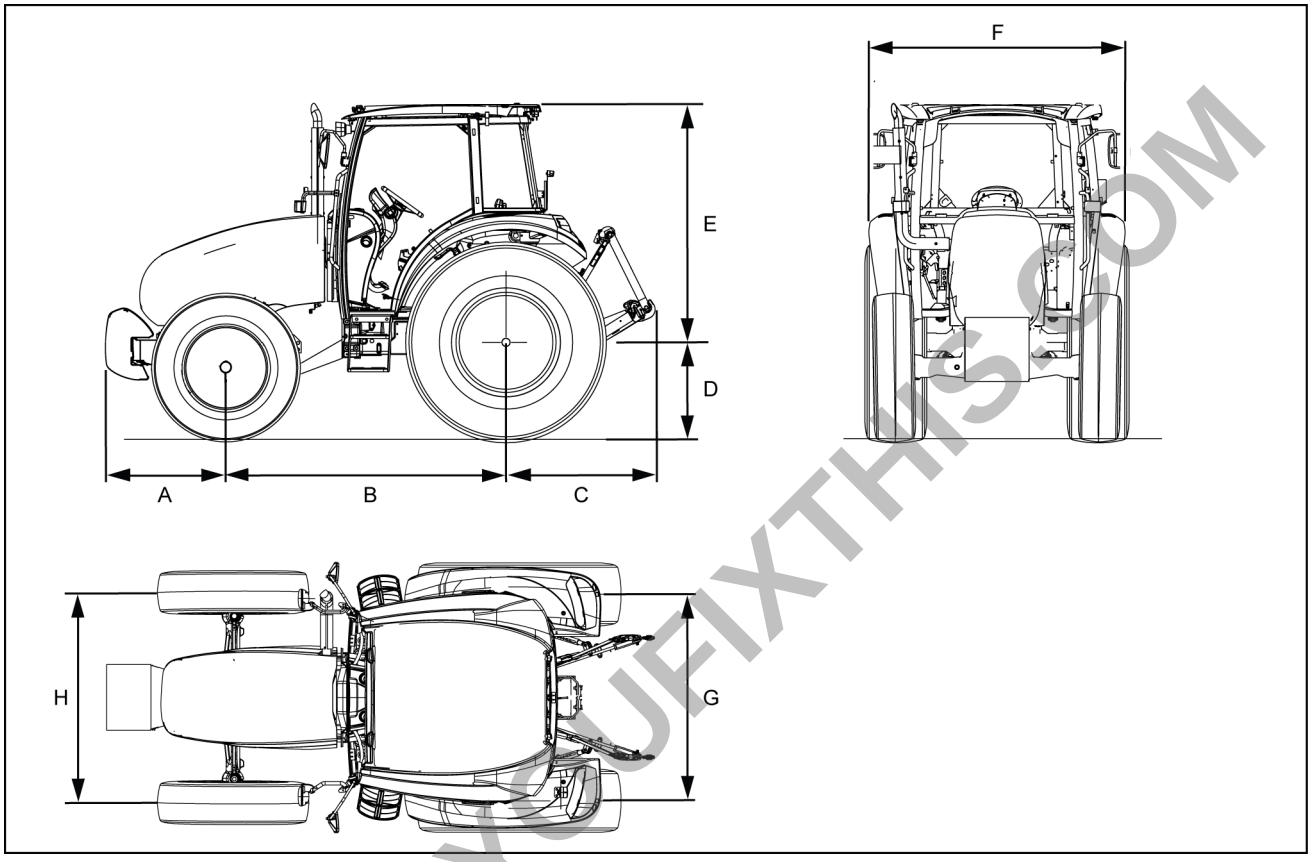
Problem	Possible Cause	Correction
The engine will not start or starts with difficulty	Incorrect starting procedure	See starting procedure
	Fuel level low or empty	Check the fuel level
	Air in fuel system	Bleed fuel system
	Engine oil viscosity not right	Use oil of right viscosity
	Fuel not suitable for ambient temperature	Use correct type of fuel for temperature conditions
	Fuel system contaminated	Clean system
	Fuel filter clogged	Replace filter element
	Fuel injector fault	Contact your dealer
	Battery isolator activated, or fuse and relay faulty	Disconnect the battery isolator, check and if necessary change the fuse or the relay
The engine does not run properly and/or cuts out	Fuel system contaminated	Clean system
	Fuel injector fault	Contact your dealer
Engine does not develop full power	Engine overload	Change to lower gear or reduce load
	Air filter clogged	Carry out maintenance on air filter
	Incorrect fuel type	Use the right fuel
	Low engine operating temperature	Check thermostat
	Fuel injector fault	Have your dealer check the injectors
	Implement incorrectly set	See equipment manual
	Improper valve clearance	Check and adjust
	Idling speed too low	Contact your dealer
Abnormal engine knocking	Oil level low	Top up fluid level
	Oil pressure low	Contact your dealer
Low engine operating temperature	Thermostat malfunction	Replace thermostat
	Fan viscous coupling malfunction	Contact your Dealer
Oil pressure low	Oil level low	Add oil as required
	Oil grade or viscosity wrong	Drain and refill with oil of correct grade and viscosity

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9 - SPECIFICATIONS

Dimensions and weights



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Reference	Dimension
A	**648 mm (25.51 in)**
B ● 2WD	**2316 mm (91.18 in)**
B ● 4WD	**2258 mm (88.90 in)**
C	**1143 mm (45.00 in)**
D	Tire index radius
E	**1859 mm (73.19 in)**
F	**1923 mm (75.71 in)**
G	**1337 - 1937 mm (52.64 - 76.26 in)**
H ● 2WD	**1429 - 2029 mm (56.26 - 79.88 in)**
H ● 4WD	**1235 - 1947 mm (48.62 - 76.65 in)**

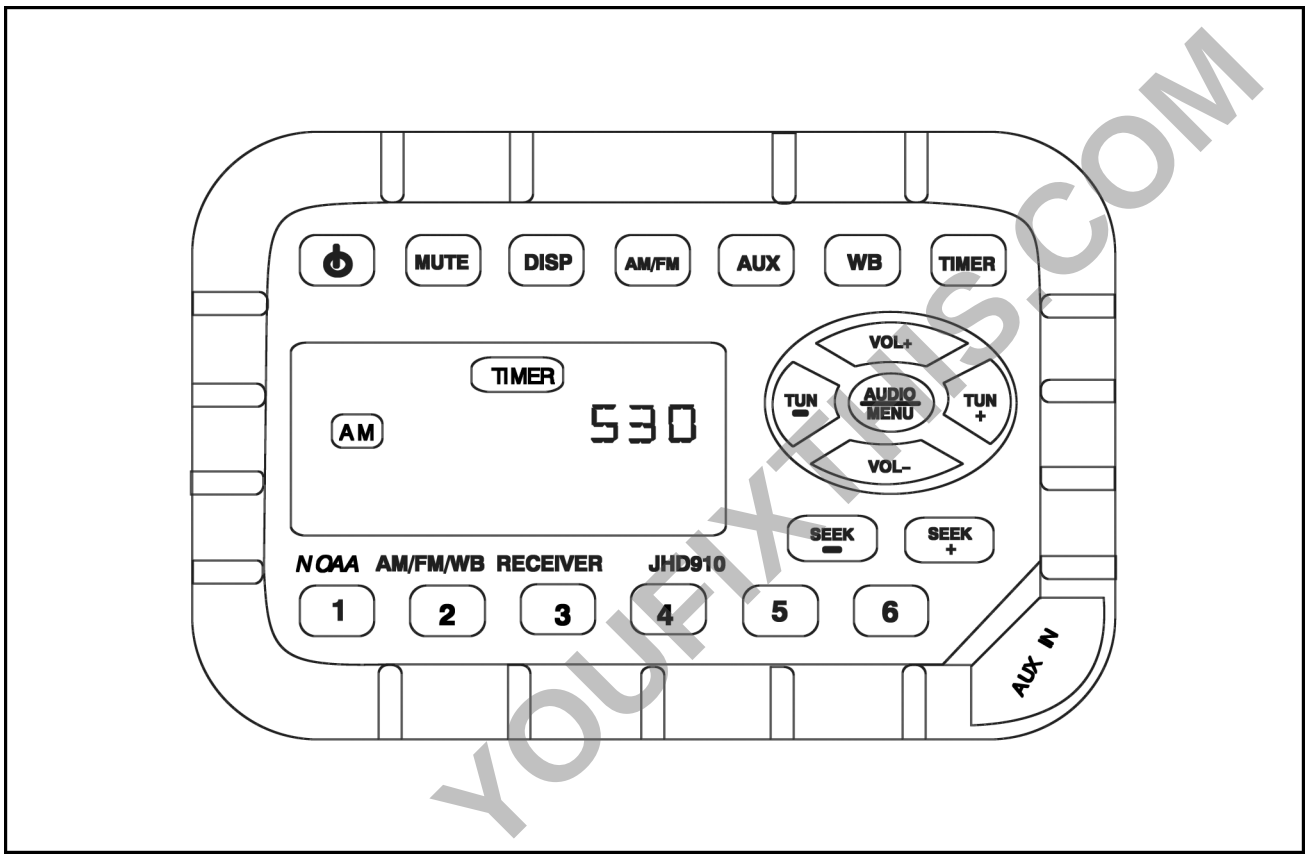
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10 - ACCESSORIES

Radio

Jensen JHD910



DCUTLNEIT17S10F 1

Features of the mobile audio system **Jensen JHD910** include:

- Waterproof
- uV and Corrosion Resistant
- Electronic US/Euro AM/F
- 30 Programmable Presets (12 AM, 18 FM)
- Non-Volatile Memory for User Settings and Preset Memories
- 7-Channel NOAA Weather Band
- Weather Alert
- Auxiliary Audio Input
- Headphone Output
- 2-Channel Amplified Audio Output
- Backlit Controls with Selectable Illumination Color
- Daylight Readable Display
- Clock with 30-day Backup Power
- Work Timer
- Audible Beep Confirmation Tone M Tuner

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2 - SAFETY INFORMATION

Safety rules and signal word definitions

Personal safety



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible death or injury.

Throughout this manual and on machine decals, you will find the signal words DANGER, WARNING, and CAUTION followed by special instructions. These precautions are intended for the personal safety of you and those working with you.

Read and understand all the safety messages in this manual before you operate or service the machine.

⚠ DANGER indicates a hazardous situation that, if not avoided, will result in death or serious injury. The color associated with DANGER is RED.

⚠ WARNING indicates a hazardous situation that, if not avoided, could result in death or serious injury. The color associated with WARNING is ORANGE.

⚠ CAUTION indicates a hazardous situation that, if not avoided, could result in minor or moderate injury. The color associated with CAUTION is YELLOW.

FAILURE TO FOLLOW DANGER, WARNING, AND CAUTION MESSAGES COULD RESULT IN DEATH OR SERIOUS INJURY.

Machine safety

NOTICE: *Notice indicates a situation that, if not avoided, could result in machine or property damage. The color associated with Notice is BLUE.*

Throughout this manual you will find the signal word Notice followed by special instructions to prevent machine or property damage. The word Notice is used to address practices not related to personal safety.

Information

NOTE: *Note indicates additional information that clarifies steps, procedures, or other information in this manual.*

Throughout this manual you will find the word Note followed by additional information about a step, procedure, or other information in the manual. The word Note is not intended to address personal safety or property damage.

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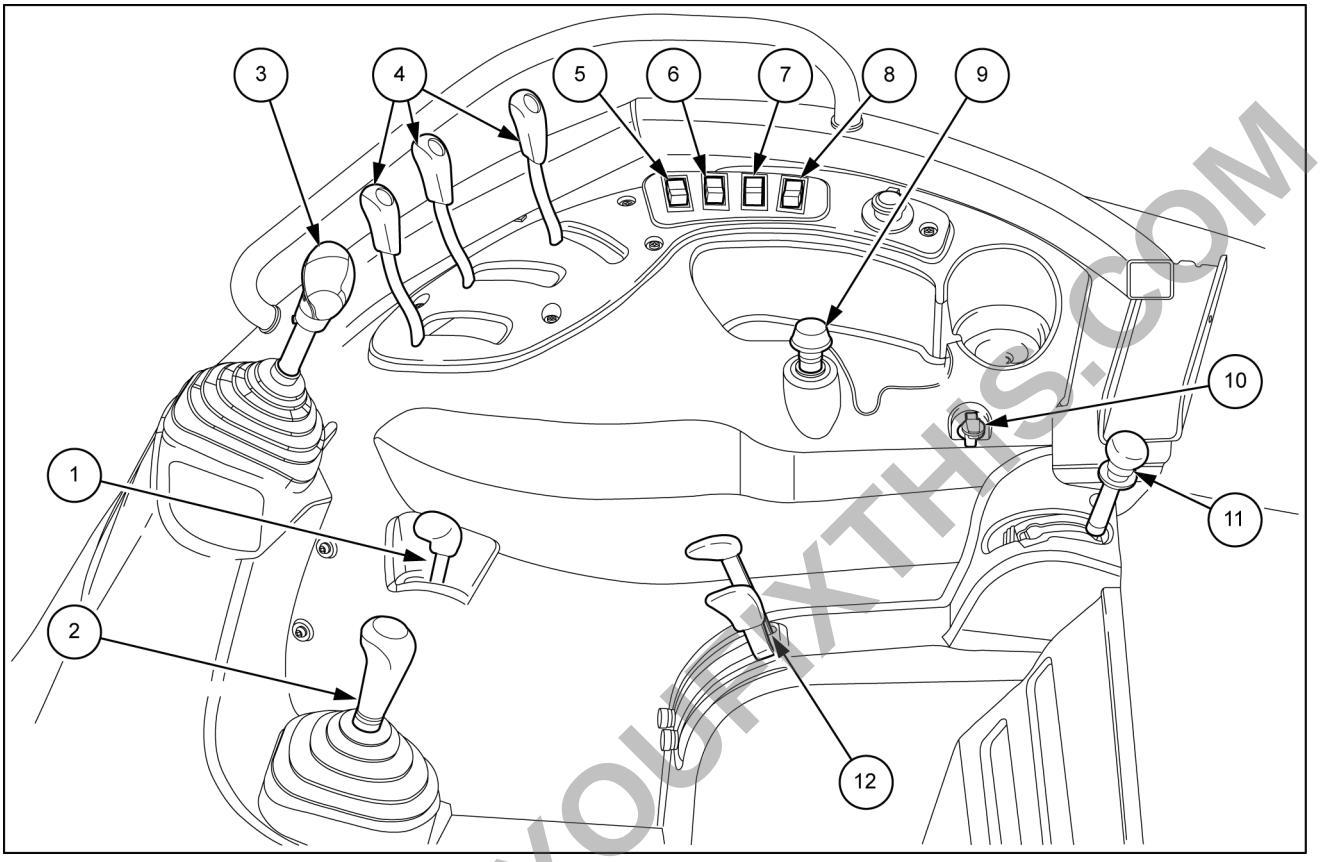
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RIGHT-HAND SIDE CONTROLS

Cableless version



DCUTLBRNE057S3F 1

1. Hand throttle lever.
   Adjust the engine speed. Push forward to gradually increase the rpm, or pull back to decrease.
2. Range gear lever.
3. Gear lever.
4. Auxiliary control valve levers.
5. Beacon switch.
6. Four−wheel drive engagement selection switch.
7. Switch for front work lights on the hood.
8. Differential lock selection switch.
9. Knob for engaging rear electro-hydraulically operated power take-off.
10. Single-pole auxiliary **8 A** socket; powered with the key switch in position **'on'**.
11. Creeper lever.
12. Mechanically operated hydraulic lift control levers.

NOTE: *A detailed description of the controls is given in the "Operation" section in the relevant chapter.*
Some of the controls might not be present depending on the tractor configuration.

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Load Index

The loading index (IC) is a numerical index indicating the maximum permissible load on the tyre, for the speed indicated by the relevant speed code, under the conditions specified by the manufacturer.

Loading index per wheel											
IC	**• kg**	**• lb**	**IC**	**• kg**	**• lb**	**IC**	**• kg**	**• lb**	**IC**	**• kg**	**• lb**
100	800	1764	120	1400	3086	140	2500	5512	160	4500	9921
101	825	1819	121	1450	3197	141	2575	5677	161	4625	10196
102	850	1874	122	1500	3307	142	2650	5842	162	4750	10472
103	875	1929	123	1550	3417	143	2725	6008	163	4875	10748
104	900	1984	124	1600	3527	144	2800	6173	164	5000	11023
105	925	2039	125	1650	3638	145	2900	6393	165	5150	11354
106	950	2094	126	1700	3748	146	3000	6614	166	5300	11684
107	975	2150	127	1750	3858	147	3075	6779	167	5450	12015
108	1000	2205	128	1800	3968	148	3150	6945	168	5600	12346
109	1030	2271	129	1850	4079	149	3250	7165	169	5800	12787
110	1060	2337	130	1900	4189	150	3350	7385	170	6000	13228
111	1090	2403	131	1950	4299	151	3450	7606	171	6150	13558
112	1120	2469	132	2000	4409	152	3550	7826	172	6300	13889
113	1150	2535	133	2060	4542	153	3650	8047	173	6500	14330
114	1180	2601	134	2120	4674	154	3750	8267	174	6700	14771
115	1215	2679	135	2180	4806	155	3875	8543	175	6900	15212
116	1250	2756	136	2240	4938	156	4000	8818	176	7100	15653
117	1285	2833	137	2300	5071	157	4125	9094	177	7300	16094
118	1320	2910	138	2360	5203	158	4250	9370	178	7500	16535
119	1360	2998	139	2430	5357	159	4375	9645	179	7750	17086

Speed code

The speed code indicates the speed at which the tyre can transport a load corresponding to its loading index, under the conditions specified by the manufacturer:

NOTICE: *Respecting the limits in the tables will ensure that the tires both perform well and are long-lasting. Overloading tires substantially reduces their service life.*

NOTE: *The values in these tables are also marked on the walls of the tires themselves.*

Speed codes		
SYMBOL	**• km/h**	**• mph**
A1	5	3.10
A2	10	6.21
A3	15	9.32
A4	20	12.42
A5	25	15.53
A6	30	18.64
A7	35	21.74
A8	40	24.85
B	50	31.06
C	60	37.28
D	65	40.38

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Fuse	Amps	Protective shield
F18	**—**	Free
F19	**15 A**	Flasher
F20	**15 A**	High beam
F21	**15 A**	Stop lights
F22	**15 A**	Corner lights
F23	**15 A**	Reverse gear system
F24	**—**	Free
F25	**—**	Free
F26	**15 A**	Lighters
F27	**15 A**	Low beam
F28	**7.5 A**	Shuttle lever — Foot throttle
F29	**—**	Free
F30	**20 A**	Fuel heater
F31	**40 A**	**40 A** socket
F32	**40 A**	**+30 V** key
F33	**7.5 A**	Position light
F34	**—**	Free
F35	**7.5 A**	Brake pedal
F36	**F34**	Free

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