

Laadur-ekskavaator

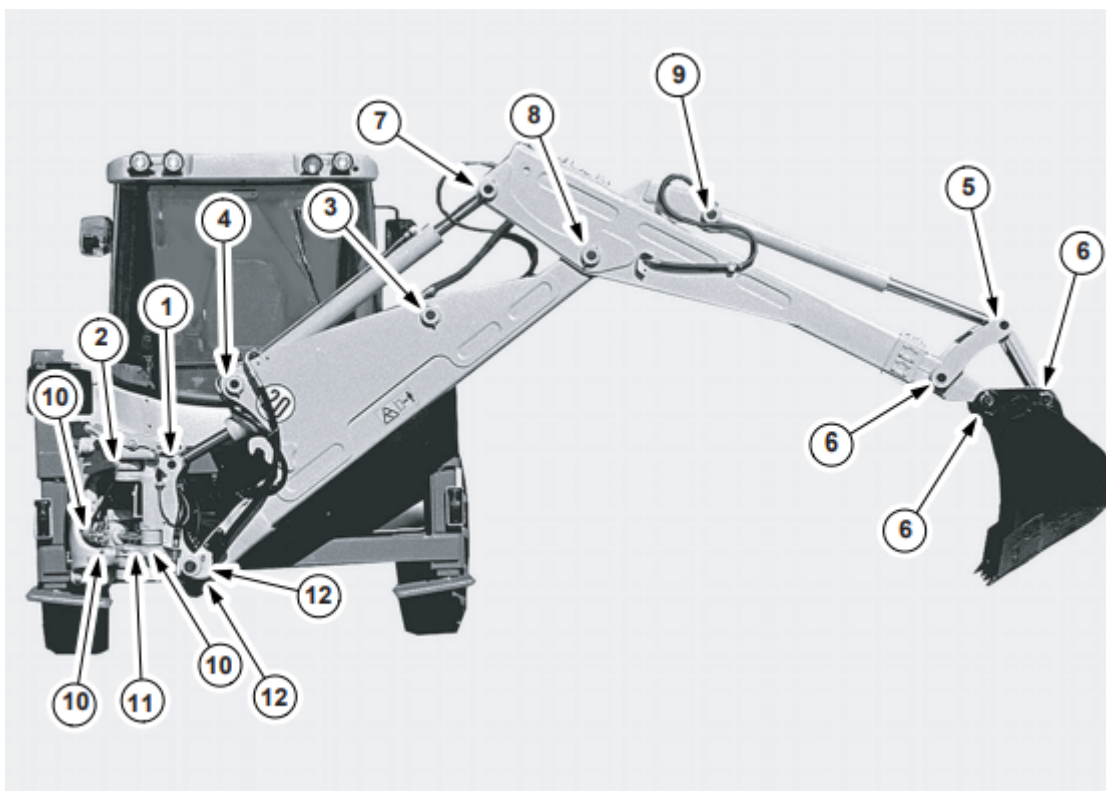
- Oluline teada
- Liigendite määrimine
- Nupud
- Kangid
- Näidikud ja hoiatustuled
- Kaevamine

Oluline teada

- Määrida kõiki liigendeid iga 8 töötunni järel ja/või ekskavaatori tagastamisel (vt [Liigendite määrimine](#))
- Laadur-ekskavaatorisse tohib tankida ainult diiselkütust.
- Mass lüliti asub astmelaua taga olevas panipaigas (Massi sisse lülitamiseks tuleb keti otsas olev võti sisestada panipaiga ülal olevasse pesa ning keerata kuniks võti lukustub pesasse.
- Ekskavaator tagasta puhtana

Liigendite määrimine

Poomil ja laaduril asub iga liigendi küljes õlinippel, mille abil tuleb liigendit määrida iga 8h järel. Määrdeprits asub astmelaua taga olevas panipaigas. Määrimisel teha 1-3 pritsimist liigendi kohta.



Nupud

Nupud armatuuril



1. Esiklaasi pesur
2. Esiklaasi kojamees
3. Nelivedu
4. Sõidu stabiilsuskontroll

Nupud külj konsoolil



1. Eesmine töötuli
2. Vilkur
3. Tagumine töötuli
4. Tagaklaasi kojamees
5. Ohutuled
6. Poomi lukk
7. Tagaklaasi pesur
8. "Return to dig" funktsioon
9. Kopa kiirkinniti lukk - Hoides nuppu all läheb põlema tuli, mis indikeerib, et lukusti on lahti.
10. Lülitamine ühele hüdropumbale - Lubab laadurit ja koppa juhtida täpsemalt. Kasutatakse ka maanteeõidul 3nda ja 4nda käiguga.
11. Signaal

Kangid



1. Sõidusuund
 - Üles - Edasi
 - Keskel - Neutraal
 - Alla - Tagasi
2. Tuled

2.



1. Käigukang
2. Sidur käigu vahetuseks
3. Laaduri juhtkang
4. Laaduri lisaväljavõtte juhtkang (vajalik ka laaduri lahti lukustamiseks)
5. Jõu lülitamine laadurile - Hoides seda nuppu all ja vajutades gaasi juhitakse jõud laaduri liigutamiseks ning rataste vedu ei toimu

3.



1. Käsigaas
2. Käsi pidur
3. Mehaaniline poomi lukk
 - All - Lukus
 - Üleval - Lukustamata

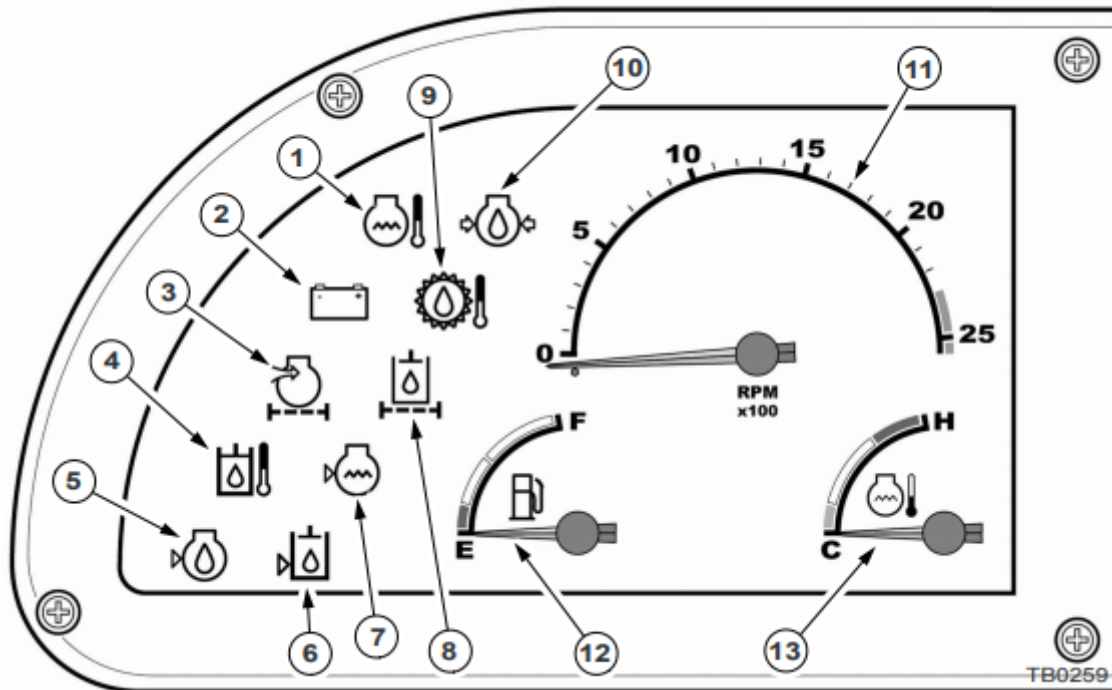
4.



1. Vasak tugijalg
2. Parem tugijalg
3. Poomi juhtkang
4. Poomi juhtkang
5. Poomi lisaväljavõtte juhtpedaal (Planeerkopal kaldenurga muutmiseks)
6. Poomi pikendus

Näidikud ja hoiatustuled

1. Külgkonsoolil



1. ENGINE COOLANT TEMPERATURE WARNING LAMP - This warning lamp comes on when the engine cooling system reaches an abnormally high temperature. If the lamp comes on when the machine is working, move the machine to a place of safety, stop the engine, engage parking brake, remove the starter switch key and find the cause of the problem.
2. ALTERNATOR CHARGE WARNING LAMP - This warning lamp comes on when the alternator/fan belt is broken or when the alternator is not charging the battery. If the lamp comes on when the machine is working, move the machine to a place of safety, stop the engine, engage parking brake, remove the starter switch key and find the cause of the problem.
3. AIR FILTER RESTRICTION WARNING LAMP - This warning lamp comes on when the air filter primary element needs to be cleaned or replaced. See "Air Filter" section on page 9-37.
4. HYDRAULIC OIL TEMPERATURE WARNING LAMP - This warning lamp comes on when the hydraulic oil

temperature is too high. If the lamp comes on when the machine is working, move the machine to a place of safety,

stop the engine, engage parking brake, remove the starter switch key and find the cause of the problem.

5. Not used.

6. Not used.

7. Not used.

8. HYDRAULIC FILTER RESTRICTION WARNING LAMP - This warning lamp comes on when the hydraulic filter

needs to be replaced. See "Hydraulic System" section on page 9-32.

9. TRANSMISSION OIL TEMPERATURE WARNING LAMP - This warning lamp comes on when the transmission oil

temperature is too high. If the warning lamp comes on when the machine is working, move the machine to a place of

safety, stop the engine, engage parking brake, remove the starter key and find the cause of the problem.

10. ENGINE OIL PRESSURE WARNING LAMP - This warning lamp comes on when the engine oil pressure is too low. If

the lamp comes on when the machine is working, move the machine to a place of safety, stop the engine, engage

parking brake, remove the starter switch key and find the cause of the problem.

11. ENGINE TACHOMETER - The tachometer shows the engine speed in revolutions per minute.

The figures indicated

must be multiplied by 100.

12. FUEL LEVEL GAUGE - This gauge shows the quantity of fuel in the fuel tank.

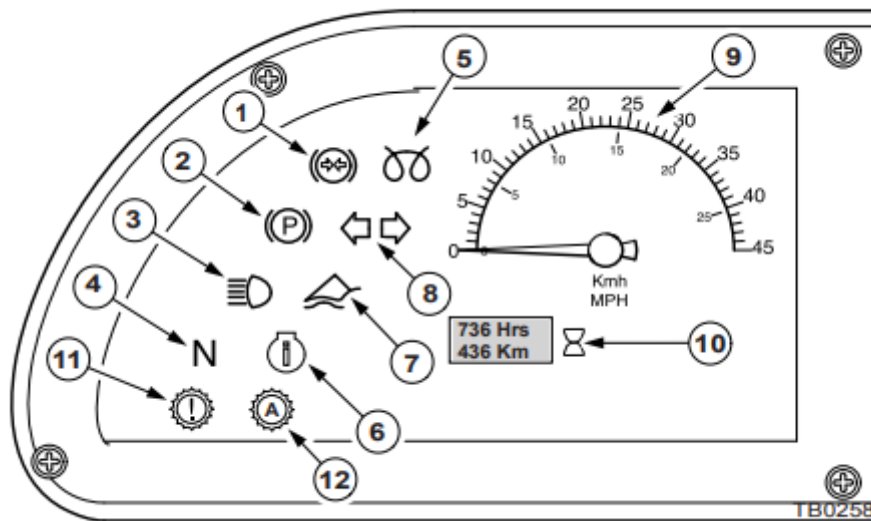
13. ENGINE COOLANT TEMPERATURE GAUGE - This gauge shows the temperature of the engine coolant. When the

temperature is normal the needle is in the white area. If the needle is in the red area, move the machine to a place of safety, leave engine running at idle for 2 to 3 minutes, then stop the engine, engage parking brake, remove the starter

switch key and check the engine coolant level. Make sure that the radiator and oil cooler are perfectly clean. See

"Cooling System" section on page 9-23.

2. Armatuuril



All indicators shown above, depending on the machine's specification, not all may be present on the machine.

1. Not used.

2. PARKING BRAKE INDICATOR LAMP - This indicator lamp comes on when the parking brake lever is engaged (wheels braked). See "Parking the Machine" section on page 7-26.

3. MAIN BEAM INDICATOR LAMP - This indicator lamp comes on when head lights are on main beam.

4. INDICATOR LAMP FOR, DIRECTION OF TRAVEL LEVER (SYNCHROSHUTTLE MACHINES) OR TRANSMISSION CONTROL LEVER (POWERSHUTTLE) - This indicator lamp comes on when the lever is in neutral position.

5. PRE-HEAT INDICATOR LAMP - This indicator lamp comes on when the starter switch key is in the Pre-heat position.

6. ENGINE FAULT WARNING LAMP - This warning lamp comes on when an engine fault occurs. If the lamp comes on when the machine is working, move the machine to a place of safety, stop the engine, engage parking brake, remove the starter switch key and find the cause of the problem.

7. BUCKET FLOAT - This indicator lamp comes on when the 'bucket float mode' is selected.

8. DIRECTION INDICATOR LAMP - This indicator lamp flashes when the direction indicator lever is moved

NOTE: The lamp flashes at the same speed as the indicators. If the lamp flashes at a different speed from that of the direction indicators the bulb of one of the direction indicators is defective and must be replaced. See "Replacing a Bulb" section on page 9-79.

9. SPEEDOMETER (optional) - The speedometer shows the forward machine speed. The big numbers at the top are the Km/h and the ones at the bottom are in m.p.h.

10. HOURMETER - The hour meter shows the hours for which the engine has been operated. It also enables servicing

operations to be scheduled. See "Hourmeter" section on page 6-4.

11. GEARBOX FAULT WARNING LAMP - (Carraro Powershuttle Machines only) This indicator lamp will be constantly lit

when a gearbox fault occurs. If the lamp comes on when the machine is working, move the machine to a place of

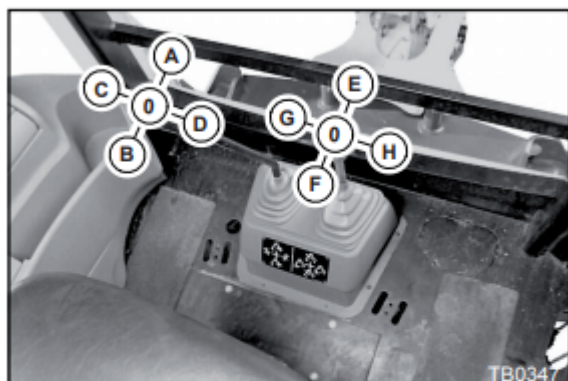
safety, stop the engine, engage parking brake, remove the starter switch key and find the cause of the problem.

12. GEARBOX AUTOMATIC WARNING LAMP (Carraro Powershuttle Machines only) This indicator lamp comes on

when 'Gearbox Automatic Mode' is selected.

Kaevamine

- Rakenda käsipidur
- Aseta [sõidusuuna kang](#) asendisse neutraal
- Toeta laadur vastu maad
- Toeta [tugijalad](#) vastu maad
- Lülita välja [poomi lukk](#) külgkonsoolilt
- Eemalda [mehaaniline poomi lukk](#) (tõmba kang üles)
- Reguleeri käsigaasi vastavalt vajadusele



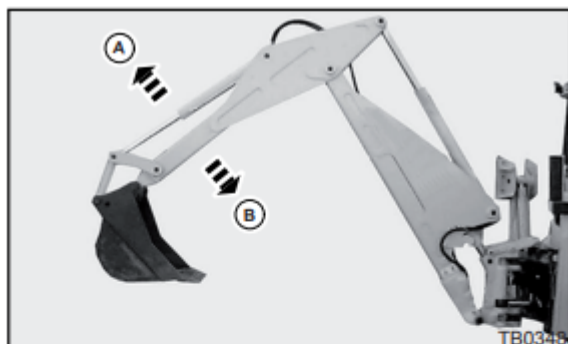
Backhoe dipper and backhoe attachment swing left-hand control lever

This lever has five positions:

Position (0): Neutral/hold. This position enables the attachment movement to be stopped. As soon as the lever is released, it automatically returns to the neutral position (0) and the attachment remains in the position where it was when movement stopped.

Position (A): The backhoe dipper extends.

Position (B): The backhoe dipper retracts.



Position (C): The backhoe attachment swings to the left.

Position (D): The backhoe attachment swings to the right.



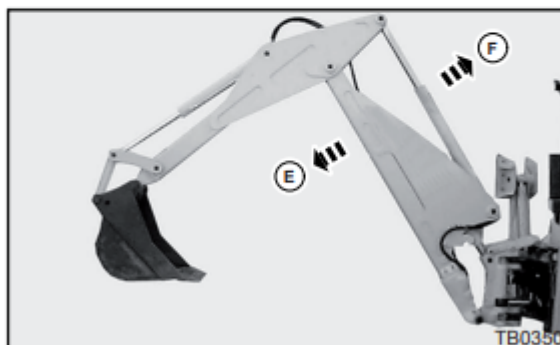
Backhoe boom and backhoe bucket right-hand control lever

This lever has five positions:

Position (0): Neutral/hold. This position enables the attachment movement to be stopped. As soon as the lever is released, it automatically returns to the neutral position (0) and the attachment remains in the position where it was when movement stopped.

Position (E): The backhoe boom lowers.

Position (F): The backhoe boom rises.



Position (G): The backhoe bucket digs (crowds).

Position (H): The backhoe bucket dumps.

