Farmall 75C

Tractors

OPERATOR'S MANUAL

Part Number 84571295
1st edition English
December 2011

CASE IH AGRICULTURE

MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295

Order the manual at mid-west-tech.com >

CONTENTS

SECTION 1

General Information and Safety 1-1
Product identification 1-2
Ecology and the Environment 1-4
Always work safely 1-5
Working safely 1-6
Safety decals 1-12
Guards and safety covers 1-16
Tractor noise level information sheet 1-18
Tractors main components 1-19

SECTION 2

General notes, controls and instruments 2-1
Analog control panel 2-2
Light control lever 2-9
Operating controls 2-10
Cab 2-20
Transmission (8 X 8) 18.64/24.35 mph (30/40 km/h) 2-30, 2-31
Transmission (12 X 12) 18.64/24.35 mph (30/40 km/h) 2-34, 2-35
Transmission (20 X 20) 18.64/24.35 mph (30/40 km/h) 2-40, 2-41

SECTION 3

Field operation 3-1
Starting and stopping 3-2
Brakes 3-6
Mechanical 4WD 3-9
Electro hydraulically controlled four-wheel drive 3-10
Differential lock 3-11
Limi-Slip front differential lock 3-12
Power Take- Off 3-13
Hydraulic lift with mechanical control 3-16
Rear three-point linkage 3-18
Implement linkage points 3-21
Rear remote auxiliary control valves 3-25
Front 2 WD wheel track adjustment 3-26
4WD wheel track adjustment 3-29
Tires 3-35
Metal ballast 3-46
Liquid ballasting 3-47
Permitted maximum weights 3-50

MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295 Order the manual at mid-west-tech.com >

SECTION 4

Lubrication and maintenance 4-1
Running in period 4-2
Fuelling the tractor 4-3
Access for inspection and maintenance 4-7
Lubrication and maintenance table 4-8
Instrument panel warning lights 4-8
Flexible maintenance 4-10
EVERY 10 HOURS OF OPERATION 4-17
EVERY 50 HOURS OF OPERATION 4-18
EVERY 100 HOURS OF OPERATION 4-20
EVERY 300 HOURS OF OPERATION 4-22
EVERY 500 HOURS OF OPERATION 4-25
EVERY 1200 HOURS OR EVERY YEAR (WHICHEVER OCCURS FIRST) 4-28
EVERY 1200 HOURS OF WORK OR EVERY 2 YEARS (WHICHEVER OCCURS FIRST) 4-29
EVERY 1800 HOURS OF OPERATION 4-34
Electrical System 4-35
Fuelling 4-46

SECTION 5

Troubleshooting, causes and solutions

SECTION 6

Storing the tractor

SECTION 7

Accessories 7-1
Mechanically controlled front hydraulic lift 7-4
Towing equipment 7-2
Joystick 7-11

SECTION 8

Specifications and data

SECTION 9

Delivery Report

SECTION 10

Alphabetical index

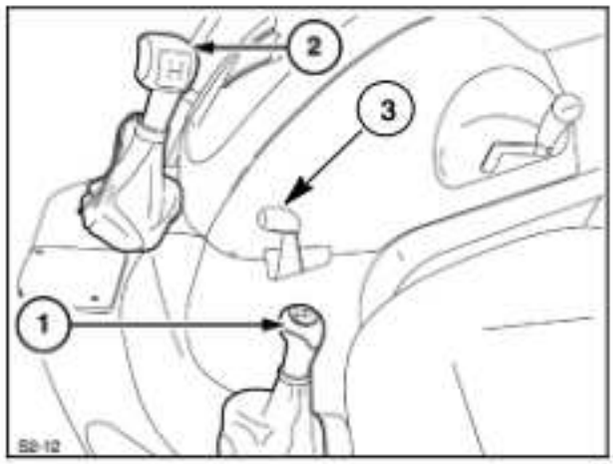
MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295 Order the manual at mid-west-tech.com >

LAYOUT OF CONTROLS AND INSTRUMENTS

Right-hand side controls

Fig. 12

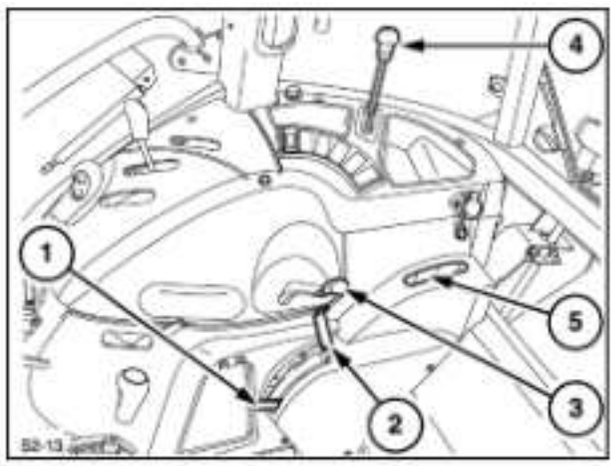
1. Range gear lever.
2. Gear lever.
3. Hand throttle



12

Fig. 13

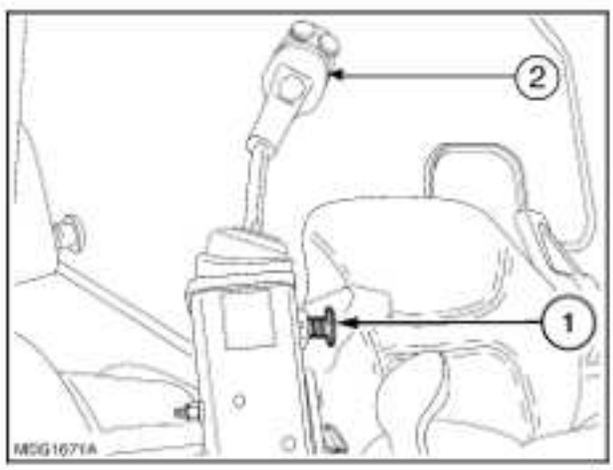
1. Draft control levers of the mechanically operated.
2. Position control levers of the mechanically operated hydraulic lift.
3. Power take-off engagement lever.
4. Creeper engagement lever for with CAB models.
5. Creeper engagement lever for with ROPS models.



13

Fig. 14

1. Safety catch for lever (**2**).
2. Joystick to control auxiliary control valves or front loader.



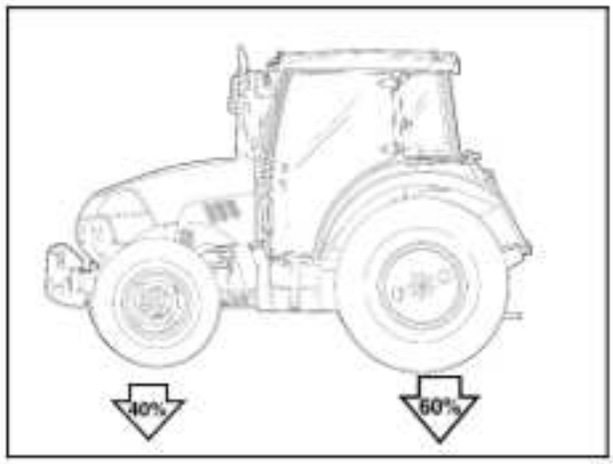
14

MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295 Order the manual at mid-west-tech.com >

Fitting implements on the front and back of the tractor alters the weight distribution on the axles.

Add or remove ballast from the tractor once it is fully equipped, until a balanced static weight distribution is achieved for the type of implement in use. Take care not to exceed the maximum operating weights shown on page 3-50.

The weight distribution percentages given for four-wheel drive models are only ***guidelines*** and relate to the total weight of the fully equipped tractor, complete with ballast.



58

WARNING

Do not use ballast systems other than those indicated.
Do not ballast the tractor unnecessarily: not only is it superfluous, it may also damage the tractor.

WARNING

*With mounted implements fitted to the rear of the tractor, it is good practice to fit a minimum **20%** extra weight on the front axle.*

FRONT LOADER

The permissible maximum weights on axles are determined by the statically measured maximum weight that the axle can sustain.

For the front loader, refer to the maximum permitted weights limited to 4.97 mph (8 km/h) and with two minimum wheel tracks.

The maximum permitted weight on the tire must also be taken into consideration, therefore consult the manufacturer.

Due to limited 2WD front axle and tires load index, the units with 2WD front axle are not permitted to be used with loader

***IMPORTANT**: When using loader, for more details, see section 7 pages 7-18 and 7-19.*

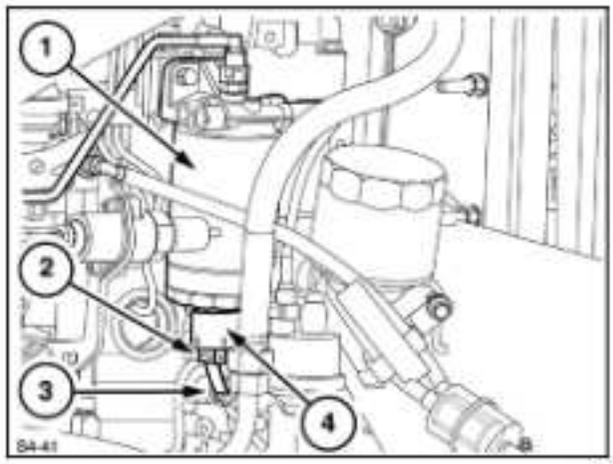
MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295 Order the manual at mid-west-tech.com >

OPERATION 34.

FUEL FILTER

IMPORTANT: *Before loosening or removing any components of the injection system carefully clean the area around the components involved in the maintenance work to prevent contaminating the system.*

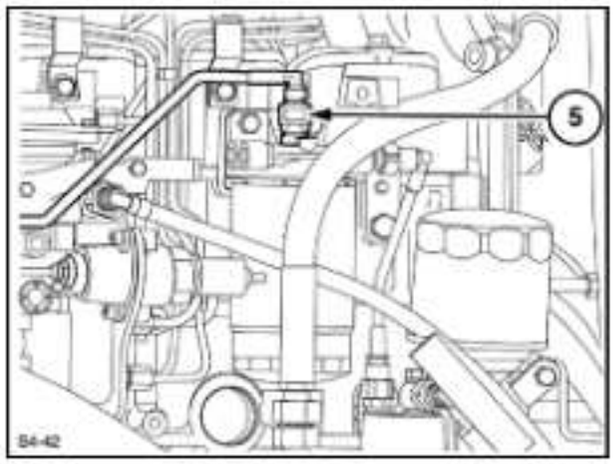
- place a container under the filter (**1**);
- remove the spring pin (**2**) and disconnect the sensor (**3**);
- unscrew the drain plug (**4**) at the base of the filter to drain off the fuel;
- remove the filter cartridge (**1**);
- lightly oil the seal, screw the new cartridge down into contact with the support and tighten it by hand by $^{3}/_{4}$ of a turn (15 Nm);
- fit the sensor (**3**) back on and secure it with the spring pin (**2**).



38

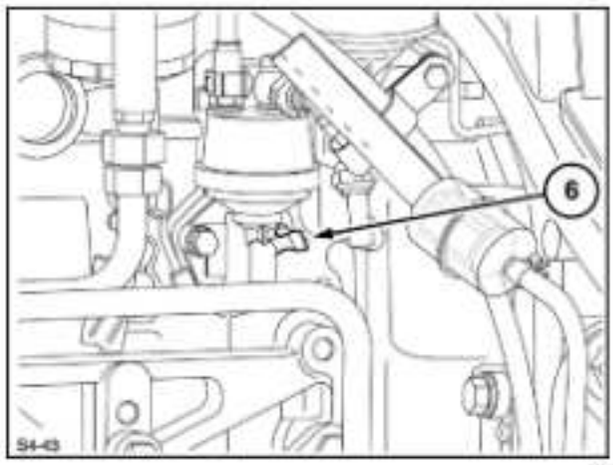
BLEEDING THE FUEL SYSTEM

After changing the filter cartridge, it is necessary to bleed the fuel system as follows:



39

- press the retaining button (**5**) and unhook the pipe from the head of the filter;

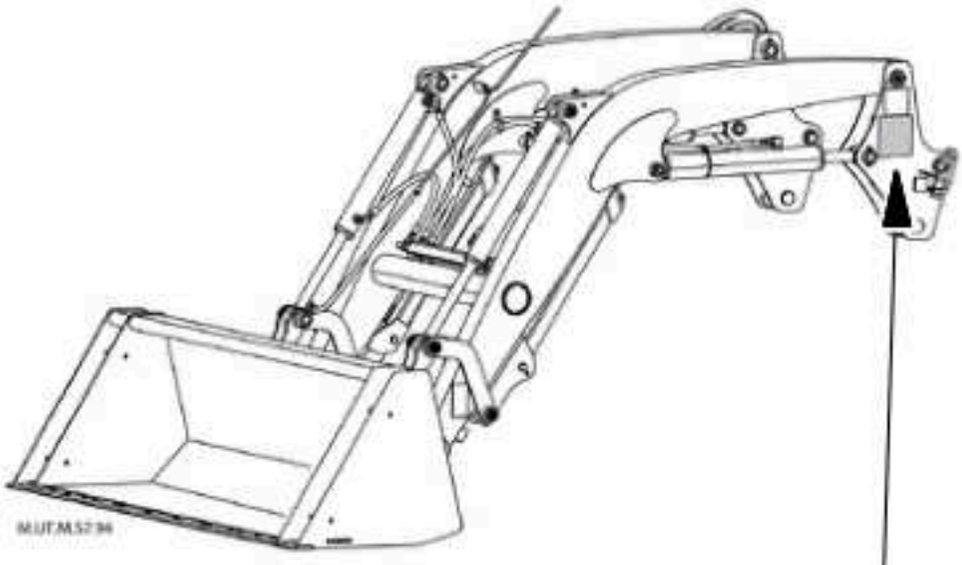


40

- pump the primer lever (**6**) until the fuel coming out of the filter contains no air bubbles;
- fit the pipe back on and push the spring pin (**5**) to make it go back into its seat to lock the pipe.

MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295 Order the manual at mid-west-tech.com >

SAFETY DECALS



WARNING



To avoid injury or death from falls:
do not work from or allow riders on loader or its attachments.



To avoid injury or death caused by falling loads:
- Do not handle round bales or other large objects with loader unless manufacturer's approved round bale grapple or other approved bale handling equipment is installed.
- Lockout optional valve detents.
- Do not handle loose or shifable loads with loader that ar not contained in bucket.
- Handle raised loads with caution.
- Carry loads low.
- Use recommended FOPS with loader application.



To avoid injury or death caused from falling loaders:
- Do not walk or perfom serviced under a raised loader.
- Lower loader to ground when parked.
- Before servicing, adjusting equipment or disconneting oil lines:
  a) lower attachment to ground or support loader boom
  b) shut off engine and relieve hydraulic pressure
- Observe safety precautions in Loader Operation and Maintenance Manual.

Failure to comply may result in death or serious injury.



14

MidWestTech | Case Farmall 75C Tractor Operator's Manual | Publication 84571295 Order the manual at mid-west-tech.com >