Farmall® 55A
Farmall® 65A
Farmall® 75A
Tractor

OPERATOR'S MANUAL

Part number 90447460
1st edition English
November 2020
Replaces part number 90333771

CASE IH AGRICULTURE

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 90447460
Order the manual at mid-west-tech.com >

Contents

1 GENERAL INFORMATION

Note to the Owner 1-1
Foreword 1-2
Note to the Owner 1-3
Advice 1-5
Product identification 1-6
Product identification TRACTOR IDENTIFICATION INFORMATION 1-8
Advice IMPORTANT INFORMATION ABOUT ENVIRONMENTAL SCIENCE 1-11

2 SAFETY INFORMATION

Foreword 2-1
Safety rules TRACTOR JACK POINTS 2-10
Safety rules PREVENTING FIRE AND EXPLOSION 2-11
Personal safety GETTING IN AND OUT OF THE TRACTOR 2-12
Note to the Owner TRACTOR USE 2-13
Noise level 2-14
Vibration level DANGERS ASSOCIATED WITH EXPOSURE TO VIBRATION 2-15
Dimension TRACTOR BALANCE 2-16
Dimension FIXED PARAMETERS 2-18
Basic instructions SAFETY COVERS AND PROTECTORS 2-20
Safety signs SAFETY LABELS 2-22
International symbols 2-31

3 CONTROLS AND INSTRUMENTS

Access to operator's platform

Cab controls - Localization overview GENERAL INFORMATION, CONTROLLER AND INDICATORS 3-1

Operator's seat

Operator seat control switches - Control identification DRIVER'S SEAT and SEAT ADJUSTMENT 3-1
Operator seat - Adjust 3-3
Operator seat - Adjust 3-4
Seat restraints - Localization overview 3-6

Instructional seat

Instructional seat - Localization overview 3-7

Forward controls

Cab interior - Localization overview Instrument Console Controls 3-8
Instrument cluster - Localization overview 3-9
Multi-Function Handle (MFH) - Control 3-12
Ignition switch - Control identification 3-13
Hazard light switch - Control identification 3-14
Power Take-Off (PTO) - Control identification PTO Safety Button 3-15

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >

Console Front console - Control identification FRONT CONSOLE CONTROLS 3-16

Left-hand side controls
Console Left-hand console - Control identification 3-17

Right-hand side controls
Console Right-hand console - Control identification 3-17

Overhead controls
Console Headliner console - Control identification 3-19
Air conditioning - Warning 3-22
Air conditioning - Operating 3-23

Exterior controls
Cab - Control identification 3-25
Cab - Control identification Cab step 3-26
Fuel tanks - Control identification 3-27
Fenders and guards - Control identification 3-28
Frame positioning folding - Control identification 3-28
Rear-view outside mirrors - Control identification 3-30
Shield - Control identification 3-31
Work light - Control identification 3-32

Display
Instrument cluster Analog-Digital Instrument Cluster (ADIC) - Program 3-34
Instrument cluster - Program 3-35
Instrument cluster - Program 3-37
Instrument cluster - Program 3-39
Instrument cluster - Program 3-40
Instrument cluster - Program 3-41
Instrument cluster - Program 3-43
Instrument cluster - Program 3-44

4 OPERATING INSTRUCTIONS

Starting the unit
Start-up - Product identification BATTERY CIRCUIT BREAKER 4-1

5 TRANSPORT OPERATIONS

Road transport
Brakes and controls - Tow TOWING THE TRACTOR 5-1
Brakes and controls - Tow TRANSPORTING A TRACTOR ON A CARRIER 5-2

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >

6 WORKING OPERATIONS

General information

Safety rules 6-1
Turbocharger - Overview 6-4
Transmission - General specification TRANSMISSION SYSTEM (8 FORWARD + 8 REVERSE 30 km/h) 6-5
Transmission - General specification 6-10
Electro-hydraulic control - Operating 6-14
Differential lock control pedal - Operating REAR DIFFERENTIAL LOCK WITH MECHANICAL CONTROL 6-15
Power Take-Off (PTO) - Localization overview PTO 6-17
Power Take-Off (PTO) - Operating INDEPENDENT ENGINE-POWERED PTO 6-18
Power Take-Off (PTO) - Operating WHEEL-POWERED (SYNCHRONIZED) PTO .. 6-19
Power Take-Off (PTO) - Operating SERVO-ASSISTED PTO USE (OPTIONAL) 6-20
Power Take-Off (PTO) - Operating PTO SPEED 6-21
Power Take-Off (PTO) - Operating TRACTOR MOVING SPEEDS AT STANDARD ENGINE SPEEDS 6-22
Main lift system - Operating 6-28
Rear three-point hitch external controls - Overview THREE-POINT HITCH SYSTEM (CATEGORY 1 and 2) 6-33
Electrical systems - Overview TRAILER SOCKET 6-38
Auxiliary hydraulic valves and lines - General specification QUICK-CONNECTION HYDRAULIC POWER OUTPUTS WITH BUSHING CONNECTORS 6-39

Wheels and Tires

Wheels - Crop setting 6-41
Wheels - Crop setting FRONT WHEEL TRACK WIDTH ADJUSTMENT FOR MFD TRACTORS 6-43
Wheels - Crop setting WIDTH SETTINGS FOR REAR TIRE TRACK 6-44
Front axle system - Crop setting STEERING ANGLE ADJUSTMENT 6-45
Wheels - General specification TIRE USE, MAINTENANCE, AND REPLACEMENT 6-46
Wheels - General specification TIRE LOAD INDEX INFORMATION 6-47
Wheels - General specification SPEED CODES 6-48

TOWBAR

Rear three-point hitch - Operating 6-49

7 MAINTENANCE

General information

Maintenance - Consumables 7-1
Engine cooling system - Basic instructions 7-2
Maintenance - Personal safety 7-3
Maintenance - Personal safety 7-4

Maintenance planning

Maintenance chart 7-5

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >

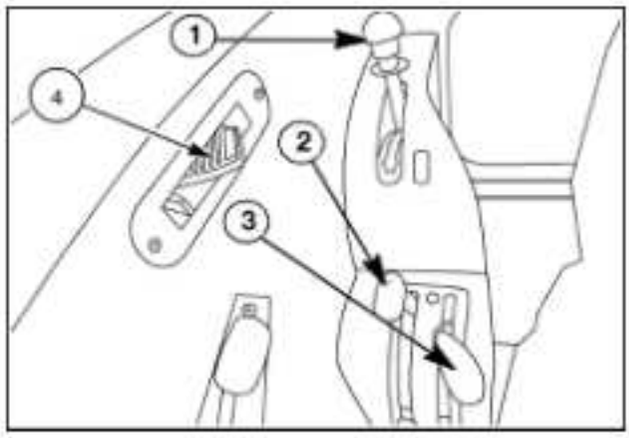
Crawling gear and hydraulic control levers

Creeper gear control lever (optional) **(1)**.

Position controller lever **(2)** .

Draft control lever **(3)**.

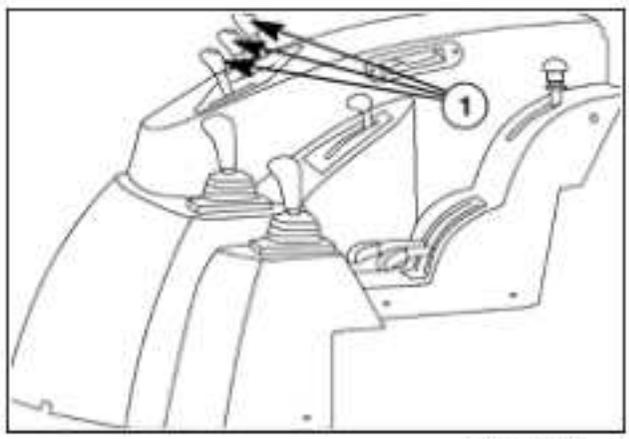
Fast Raiser /Lower control button **(4)**.



ANL10TRO2868AA 2

Auxiliary hydraulic power output

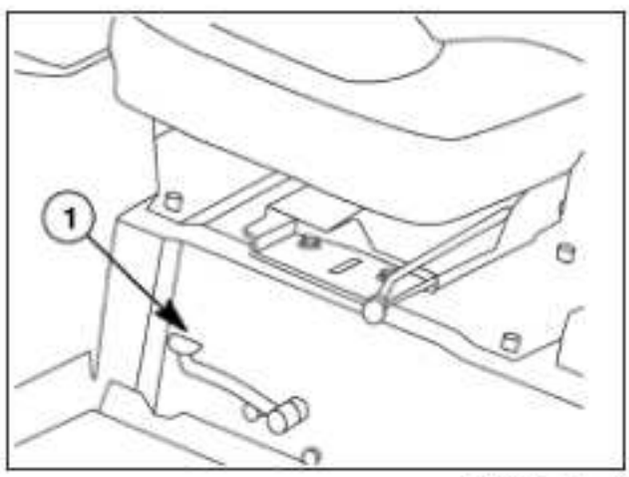
Control lever of the auxiliary power output (detent) valves **(1)**.



ANL10TRO2868AA 3

Differential lock (Sliding pedal)

Rear mechanical differential pedal **(1)**.



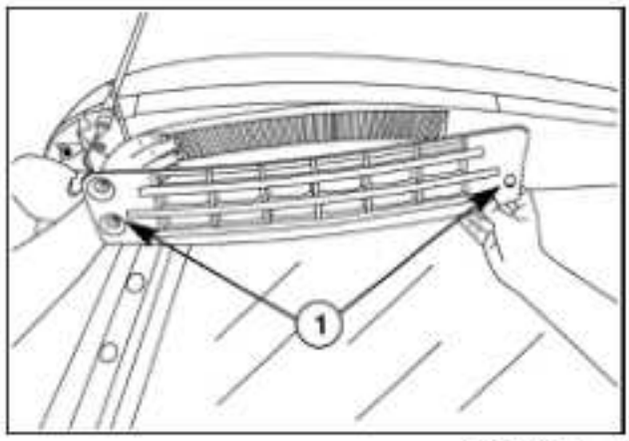
ANL10TRO2868AA 4

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >

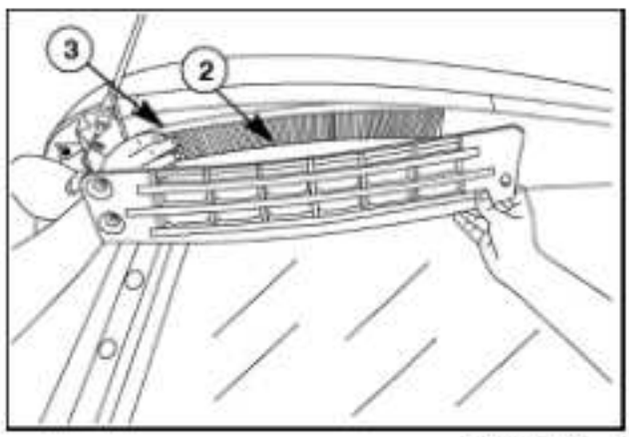
EVERY 100 HOURS

Air filter - Cleaning CAB AIR FILTER

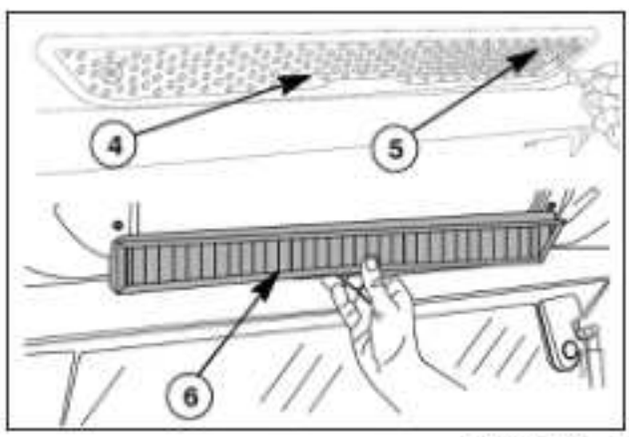
Remove the cab air filter cover (1). Remove the filter element (2). To clean the filter element:
Lightly hit the filter element with the outer part facing the floor
Alternatively, soak the element in a non-foaming detergent for 15 minutes.



Dry with pressurized air below 2.7 bar.
Do not replace the filter element before it is dry. Otherwise the air conditioner will damage the filter element.
Clean the filter housing (3) with a cloth Look at the arrows on the label. Replace the cartridge.



Remove the two screws (5) from the cover (4) that holds the in-cab air filter in place. Clean the in-cabin air filter (6) as described above.



MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >

Engine - General specification

MODEL	Farmall 55 A	Farmall 65 A	Farmall 75 A
ENGINE TYPE	S8000 STAGE IIIB		
ENGINE MODEL	8035.25A	8035.25B	8035.25C
INJECTION PUMP	ROTARY TYPE, BOSCH		
ASPIRATION	Turbocharged		
EMISSIONS VALUE	Tier III B		
NUMBER OF CYLINDERS	3		
CAPACITY AND STROKE	**104 mm x 115 mm**		
TOTAL VOLUME	**2930 cm³**		
COMPRESSION RATIO	17.5 : 1		
MAXIMUM POWER: ECE R120	**41 kW @ 2300 RPM**	**48 kW @ 2300 RPM**	**55 kW @ 2300 RPM**
	55 Hp @ 2300 RPM	**65 Hp @ 2300 RPM**	**75 Hp @ 2300 RPM**
MAXIMUM TORQUE	**258 N·m @ 1400 RPM**	**291 N·m @ 1400 RPM**	**341 N·m @ 1400 RPM**
TORQUE RESERVE	**54%**	**47%**	**48%**

Air cleaners and lines - General specification

AIR FILTER	FARMALL 55 A	FARMALL 65 A	FARMALL 75 A
Filter dimensions	**159 – 379 mm**		

Type	Dry
Cap type	Powercore

Engine cooling system - General specification

Cooling System	Farmall 55 A	Farmall 65 A	Farmall 75 A
Drive pulley type	8 pk- strechy belt		
Intercooler	**16 kW** — 18 Plate		
Fan — Type	Fixed — Plastic		
Fan — Diameter	**450 mm**		
Fan — Number of blades	10		
Cap Pressure	**1.0 bar (14.5 psi)**		

Engine cooling system - General specification

INTERCOOLER

Cooling capacity **16 kW**, 18 plates.

Clutch - General specification DRIVE TRAIN

Clutch

Dry, single disk, **280 mm (11 in)** gearbox (transmission) and PTO clutch blades. The mechanical clutch pedal controls the transmission. The PTO movement lever controls the PTO.

Clutch Disk

MODELS		Farmall 55 A	Farmall 65 A	Farmall 75 A
ENGINE	CERAMETALLIC	**280 mm (11 in)**		

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >

NO	POSITION	DESCRIPTION	LABEL
13	Located on the right-hand column on models with cabs. Located on the left-hand column of the safety frame on models without cabs.	Failure to comply with the instructions and guidelines contained in the instruction book may result in injury to you and those around you. Please comply with the warnings and instructions in the user manual.	 17
14	Located on the left-hand side of the inner surface of the top protection bar on models without cabs.	The tractor may tilt or overturn if not used in compliance with the principles of use. Do not attach ropes or chains to the safety frame.	 18
15	Located on the right-hand side of the inner surface of the top protection bar on models without cabs.	The tractor may tilt or overturn if not used in compliance with the principles of use. Do not fold the safety frame backward.	 19

MidWestTech | Case Farmall 55A, 65A, 75A Tractor Operator's Manual | Publication 9... Order the manual at mid-west-tech.com >