

FENDT

Werkstatthandbuch

Workshopmanual

Manuel d'atelier

Manual de taller

Manuale per l'officina

Werkplaatshandboek

FENDT 900 Vario COM III

X 990.005.057.012

1

FENDT

A	General
B	Faults
C	Documents and Diagrams
D	Component location
E	Testing
F	Setting and Calibration
G	Repair
H	Service – Info

D
Component position

D
Component position

FENDT 900 Vario - COM III

Volume 1

0000	Overall system/tractor
1005	Overall system/transmission
1010	Transmission/differential
1015	Transmission/axle drive
1050	Transmission/housing
1070	Transmission / Brake system
1080	Transmission/drive train
1200	Transmission/front PTO
1220	Transmission / Live PTO
1320	Transmission/front wheel drive
2000	Overall system/engine
2010	Engine/cylinder head
2050	Engine/cooling
2060	Engine/fuel system
2210	Engine/crankcase
2312	Engine/lubrication
2400	Engine/exhaust system
2712	Engine/injectors
3000	Overall system/front axle
3120	Front axle/steering cylinder
3180	Front axle/cardan shaft

Volume 2

4000	Overall system/steering
4090	Steering system / hydraulic steering unit
5030	Vehicle layout/operator's seat
5500	Overall system/air conditioning system
8100	Overall system/cab
8610	Power lift/EPC electro-hydraulic control
8631	Power lift/hydraulic lift
8800	Overall system/compressed air system

Volume 3

9000	Overall system/electrical system
9015	Electrical system/starter lockout

FENDT 900 Vario - COM III

Volume 4

- 9410 Hydraulic pump installation/LS pump
- 9430 Hydraulic pump installation/steering pump
- 9534 Hydraulic piping/"Rüfa"reverse operation
- 9600 Overall system/hydraulic equipment
- 9605 Hydraulic equipment/hydraulic connections
- 9610 Hydraulic equipment/central control block (ZSB)
- 9620 Hydraulic equipment/valve fitting
- 9700 Overall system/electronics
- 9920 Service/special tools
- 9975 Service/SERDIA - Deutz engine diagnostics program

D Component position

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Check Chassis Range!

1 Electrical/electronic components - A

A007 - Instrument panel



Cab, at top in steering column unit



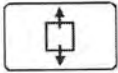
Fig. 1.

I001023

A009 - Actuator unit



Right side of tractor, on gearbox



Detach right rear wheel and panel

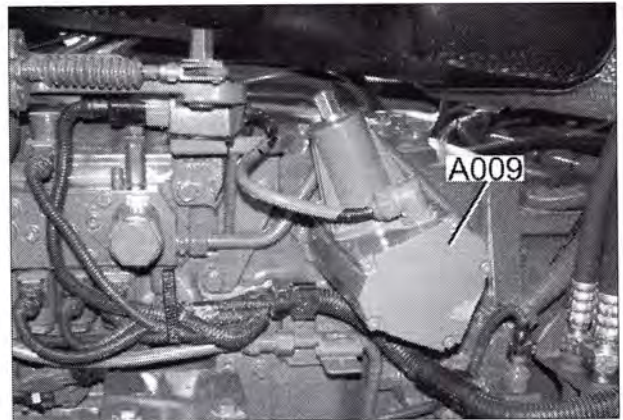


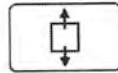
Fig. 2.

I001024

A011 - Radar sensor



Left-hand tractor underside, at clutch housing



Disassemble from underneath

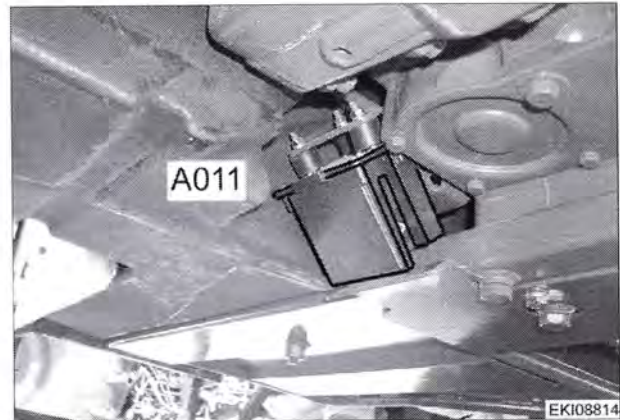


Fig. 3.

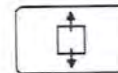
EKI08814

I002938

A013 - PCB, microfuses



Cab, right mudguard, top



Detach cover

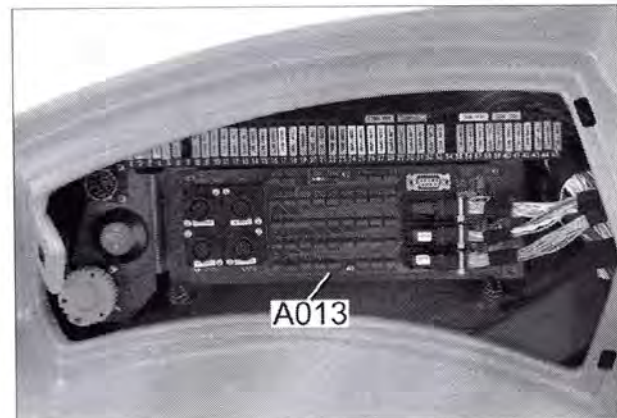


Fig. 4.

I001142

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

A015 - Radio



Cab, right in roof



Fig. 5.

1001025

A036 - Control panel, dashboard right/left



Cab, on steering column



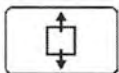
Fig. 6.

1007383

A038 - ECU, central electrical system



Cab, right mudguard at bottom



Detach panel



Fig. 7.

1001028

A039 - MFA, multifunction armrest



Cab, on right driver seat



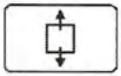
Fig. 8.

1001029

A050 - ECU, basic control unit



Cab, right mudguard at bottom



Detach panel



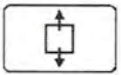
Fig. 9.

1001030

A051 - ECU, engine control unit (EDC 7).



Bulkhead between engine and cab



Open bonnet.

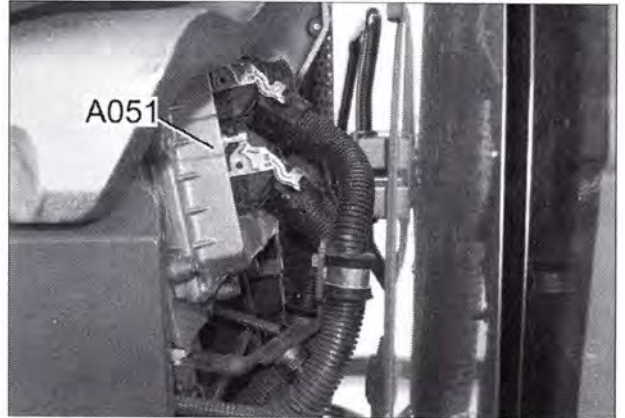


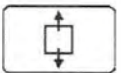
Fig. 10.

1001150

A053 - ECU, air conditioning control



Below cab



Remove cab

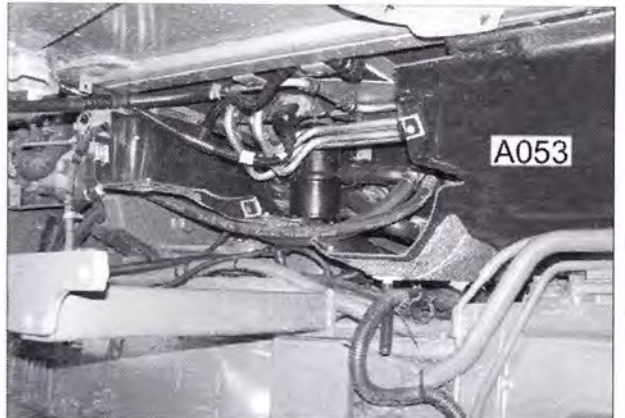


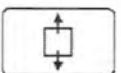
Fig. 11.

1001604

A055 - ECU, data transfer



Cab, right mudguard



Detach panel

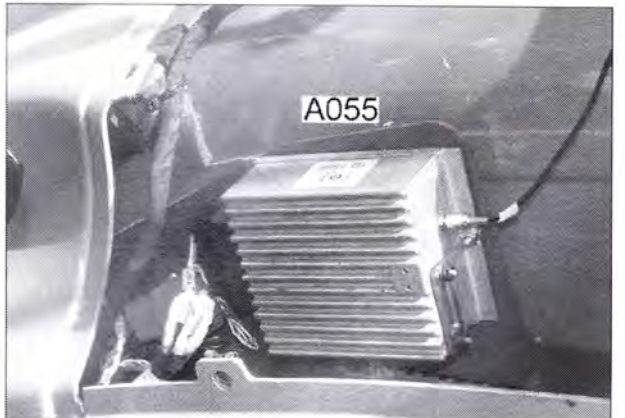


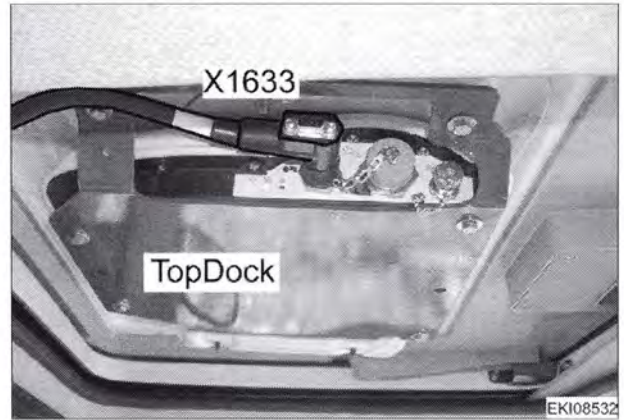
Fig. 12.

1008242

A058 - TopDock (Auto-Guide)



Cab roof compartment



EKI08532
I002345

Fig. 13.

A059 - Terminal (Auto-Guide)



In cab, right-hand side



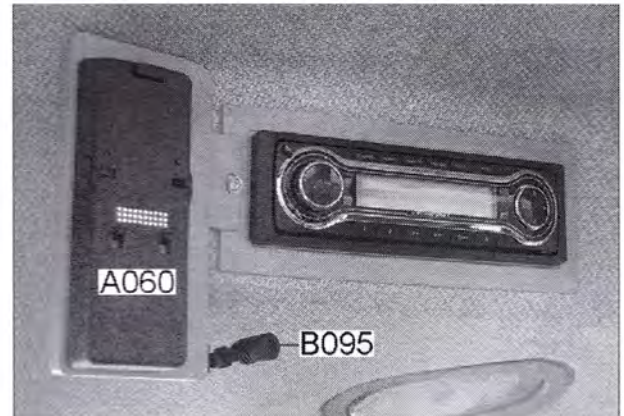
EKI05647
I001366

Fig. 14.

A060 - Hands-free device



Cab, right in roof



I008139

Fig. 15.

A073 - Terminal (A4)



Cab, on right driver seat

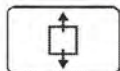


I008145

Fig. 16.

A075 - ECU, tail light LED, right

A076 - ECU, tail light LED, left



Neue Abbildung
 New illustration
 Nouvelle illustration

Column

1000001

Fig. 17.

A077 - Immobiliser ECU

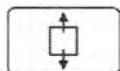
NOTE: Standard from chassis number:

- 919/./1847
- 922/./2004
- 925/./2054
- 928/./2291
- 931/./
- 933/./

NOTE: In the event of repair, only the new **A077** - Immobiliser ECU is available.



In cab, steering column right.



Detach cover

A078 - Tachograph ECU



Cab, right in roof
 Above **A015** - Radio

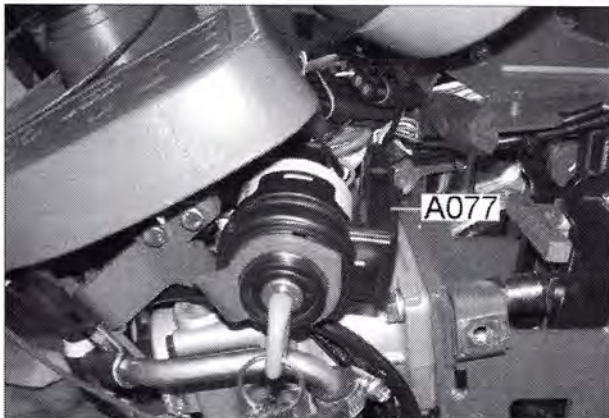


Fig. 18.

1009400

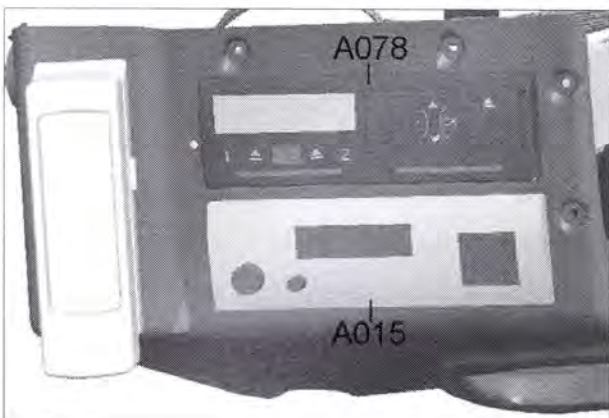


Fig. 19.

1008241

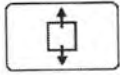
2 Electrical/electronic components - B

B002 - Sensor, front PTO speed

X151 - Separation point on B002



Face end of front PTO housing, next to PTO stub shaft



Detach protective funnel

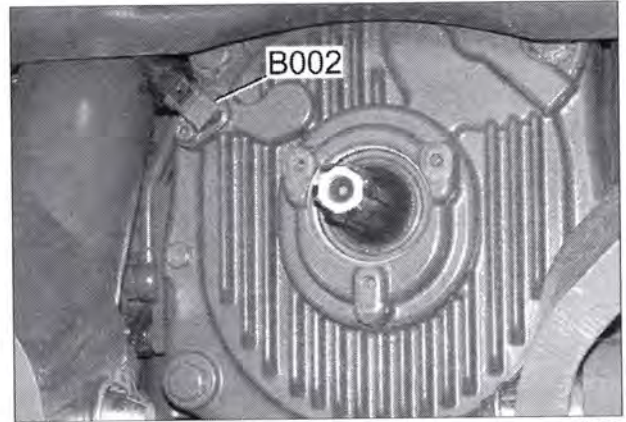


Fig. 20.

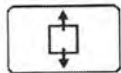
1001053

B004 - Vacuum switch (air filter)

X153 - Separation point on B004



Right side of engine, on engine air filter



Open bonnet.

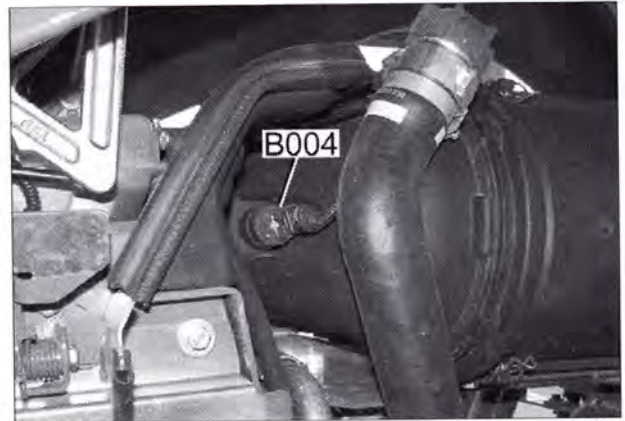


Fig. 21.

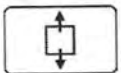
1001055

B008 - Sensor, high-pressure 1

X157 - Separation point on B008



Right side of transmission, on transmission hydraulic system valve block



Detach right rear wheel and panel

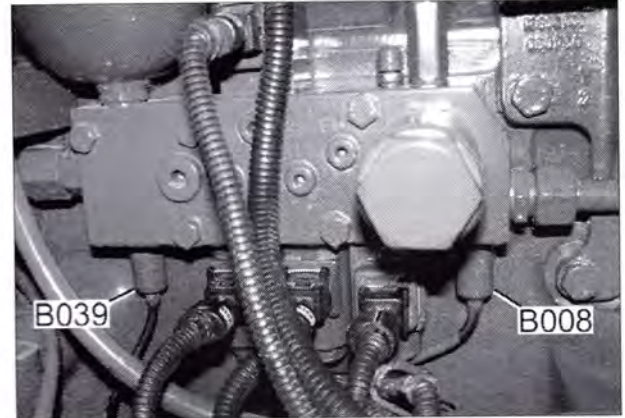


Fig. 22.

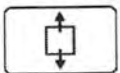
1001057

B009 - Discharge temperature sensor

X158 - Separation point on B009



Right side of transmission on high-pressure filter



Detach right rear wheel and panel

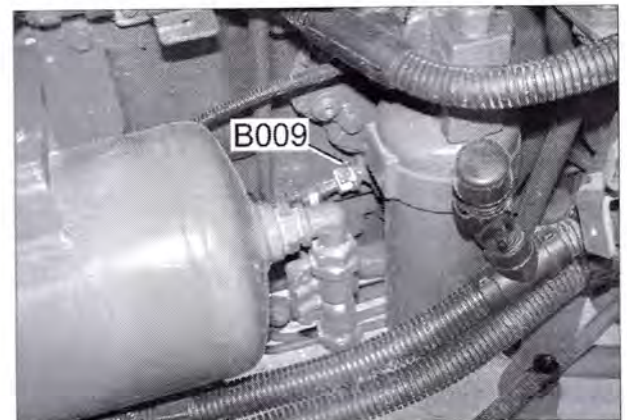


Fig. 23.

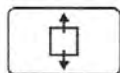
1001058

B010 - Sensor, engine speed

X159 - Separation point on B010



Right side of engine, on flywheel



Open bonnet.

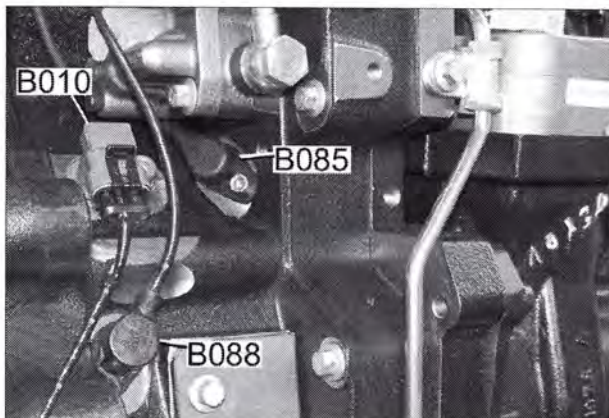


Fig. 24.

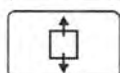
1001060

B013 - Sensor, hydraulic oil temperature

X162 - Separation point on B013



Right side of engine, on suction line to auxiliary pump



Detach cover panel

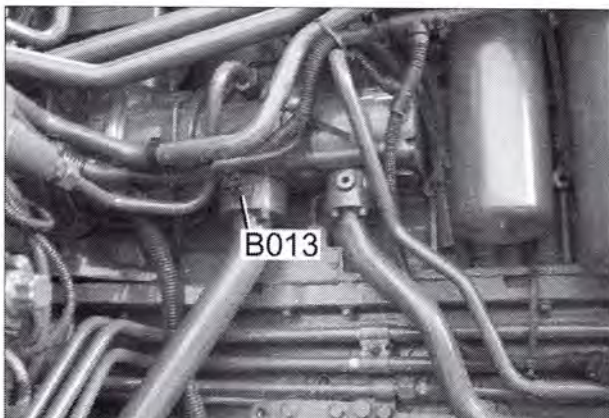


Fig. 25.

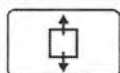
1001061

B014 - Sensor, collecting shaft

X163 - Separation point on B014



Right side of transmission, below transmission hydraulic system valve block



Detach right rear wheel and panel

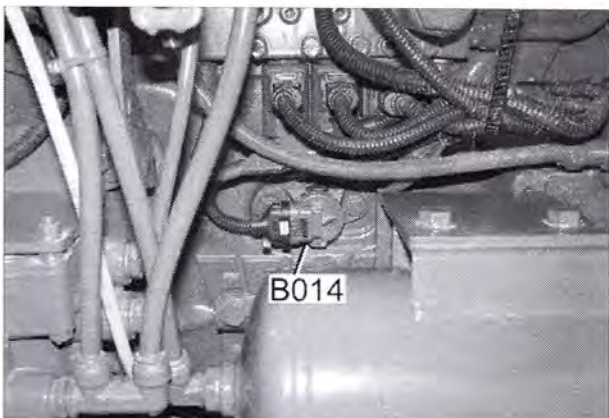


Fig. 26.

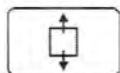
1001063

B015 - Sensor, bevel pinion

X164 - Separation point on B015



Right side of transmission, next to transmission suction filter



Detach right rear wheel and panel

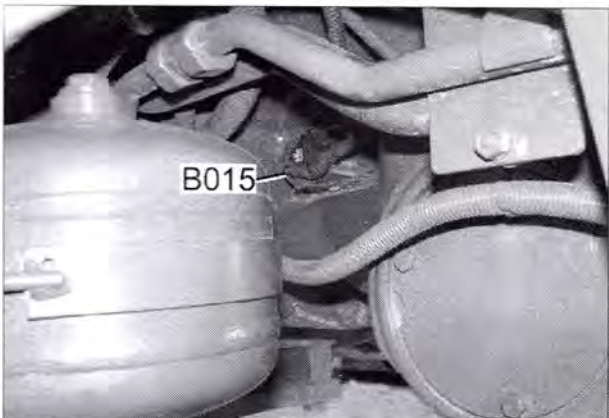


Fig. 27.

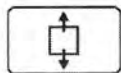
1001064

B016 - Sensor, travel range detection

X165 - Separation point on B016



Left side of transmission, behind fuel tank



Remove rear left wheel, detach left fuel tank and pull forward

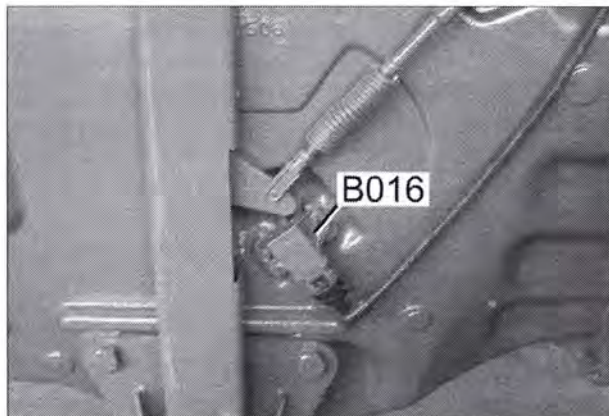


Fig. 28.

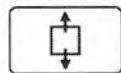
1001065

B017 - Sensor, clutch pedal

X166 - Separation point on B017



Cab, top left of steering column



Remove left steering column cover



Fig. 29.

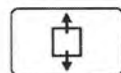
1001066

B019 - Sensor, compressed air supply

X168 - Separation point on B019



Right rear axle, on front compressed air reservoir.



Detach right rear wheel



Fig. 30.

1001067

B020 - Sensor, rear PTO speed (stub shaft)

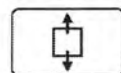
B021 - Sensor, rear PTO speed (clutch)

X169 - Separation point on B020

X170 - Separation point on B021



Rear of trailer, on PTO stub shaft



Detach cover panel

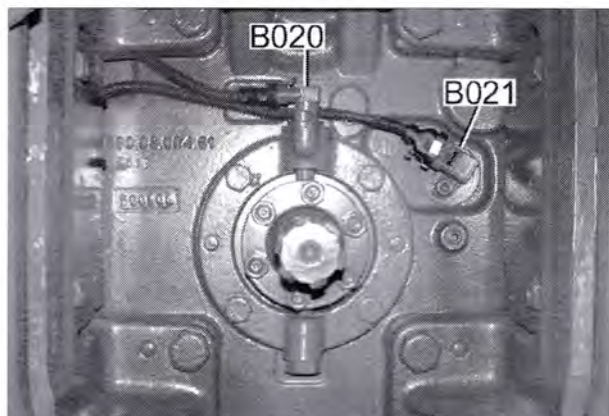


Fig. 31.

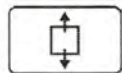
1001068

B030 - Sensor, rear power lift position

X178 - Separation point on B030



On left lift arm



Detach cover

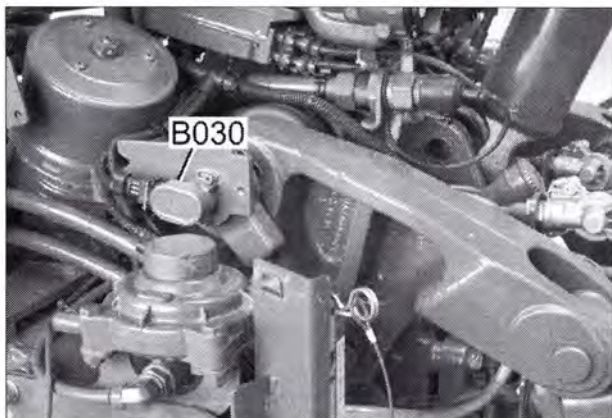


Fig. 32.

1001069

B031 - Sensor, draft sensing pin, right

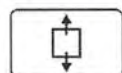
B032 - Sensor, draft sensing pin, left

X179 - Separation point on B031

X180 - Separation point on B032



Lower link bearing (right and left)



Detach cover

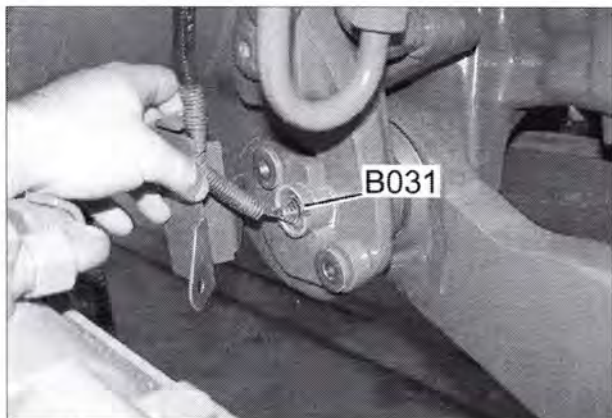


Fig. 33.

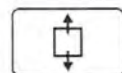
1001070

B034 - Immersed tube sensor (fuel)

X182 - Separation point on B034



Left fuel tank, top



Detach cover panel

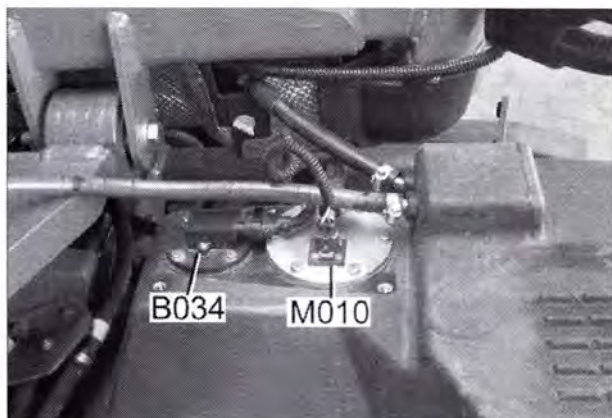


Fig. 34.

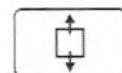
1001071

B039 - Sensor, high-pressure 2

X177 - Separation point on B039



Right side of transmission, on transmission hydraulic system valve block.



Detach right rear wheel and panel

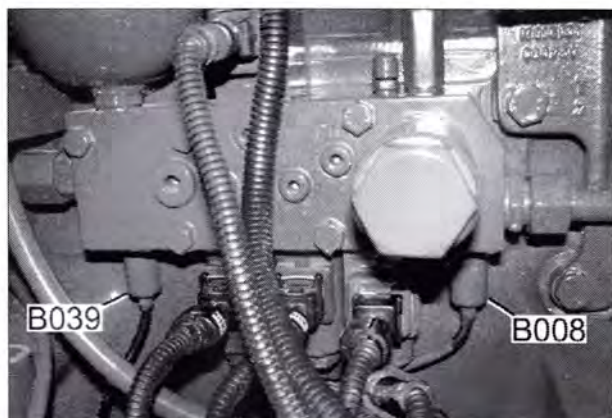


Fig. 35.

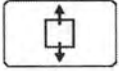
1001057

B040 - Sensor, front power lift position

X188 - Separation point on B040



Left side of front PTO



Detach cover

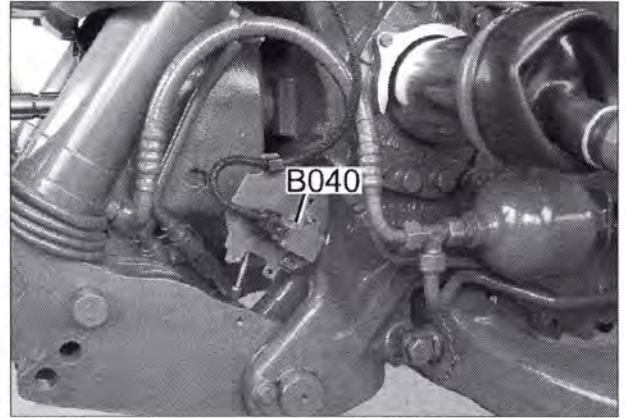


Fig. 36.

1001072

B050 - Loudspeaker, left

B051 - Loudspeaker, right

X289 - Separation point on B051

X311 - Separation point on B050



Cab, in roof lining, front left and right



Fig. 37.

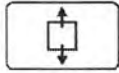
1001073

B055 - Sensor, foot throttle

X898 - Separation point on B055



Cab, on left foot throttle



Detach cover



Fig. 38.

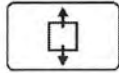
1001074

B060 - Compressed air supply sensor

X1410 - Separation point on B060



Left rear axle



Detach left rear wheel



Fig. 39.

1001075

B061 - Loudspeaker

X1620 - Separation point on B061



Cab, in roof lining, rear right



Fig. 40.

1001076

B062 - Loudspeaker

X1622 - Separation point on B062



Cab, in roof lining, rear left



Fig. 41.

1001077

B063 - Pressure switch, filter contamination (hydraulic circuit)

X1500 - Separation point on B063



Left side of tractor, clutch housing top, below cab

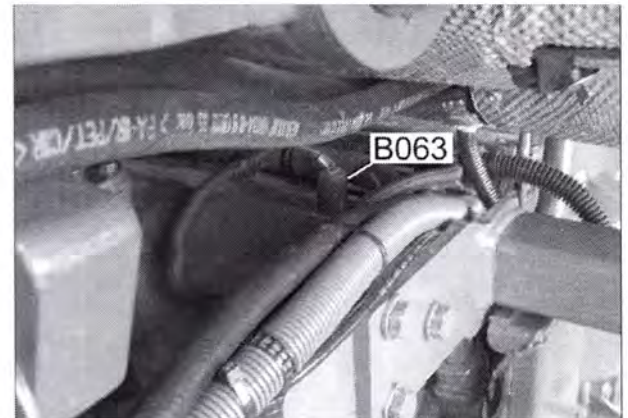


Fig. 42.

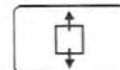
1001078

B066 - Sensor, wheel position (left)

X1509 - Separation point on B066



Left front axle on top axle suspension



Detach steering cylinder protective cover, left



Fig. 43.

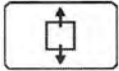
1001080

B067 - Sensor, steering angle

X1508 - Separation point on B067



Front axle, right



Detach cover

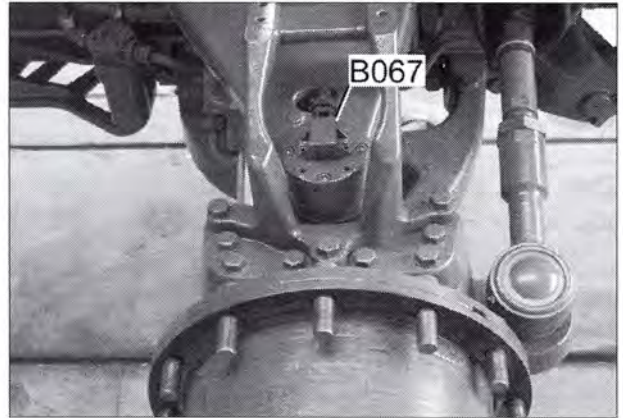


Fig. 44.

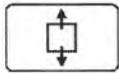
I001081

B068 - Sensor, wheel position (right)

X1507 - Separation point on B068



Right front axle on top axle suspension, front



Detach steering cylinder protective cover, right

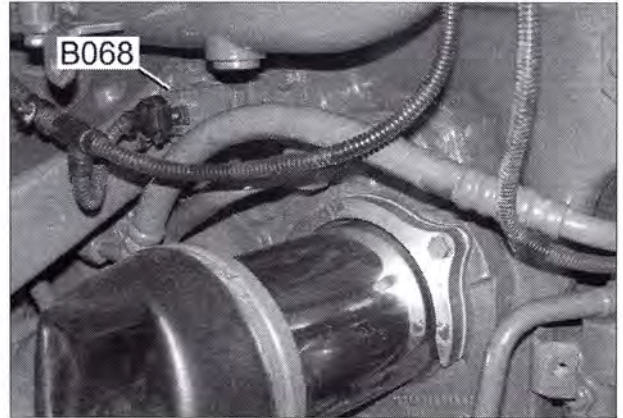


Fig. 45.

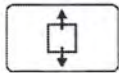
I001082

B071 - Sensor, output temperature

X1536 - Separation point on B071



Cab, air box in front of the steering column (photo shows air box removed).



Detach air box and remove its cover



Fig. 46.

I001473

B073 - Sensor, solar (irradiation)

X1535 - Separation point on B073



Cab, steering column, at top on wind-screen

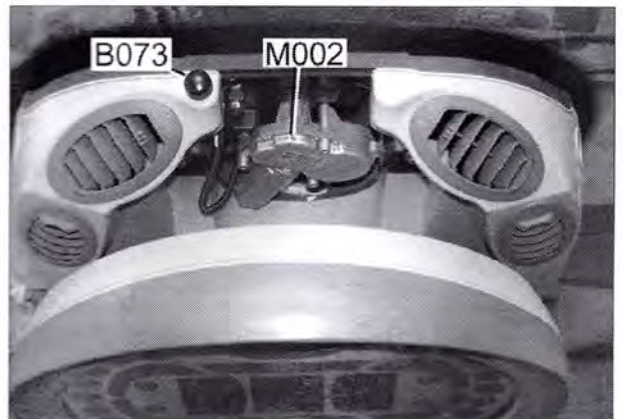


Fig. 47.

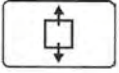
I001083

B074 - Sensor, internal temperature

X1545 - Separation point on B074



Cab, left mudguard in ventilating shaft.



Remove the cab circulation air filter.

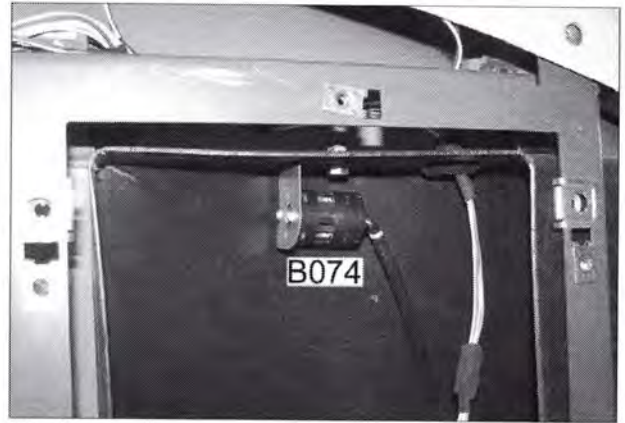


Fig. 48.

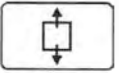
1001258

B076 - Sensor, external temperature

X1538 - Separation point on B076



Air conditioning cooler, reverse side of panel



Open bonnet.

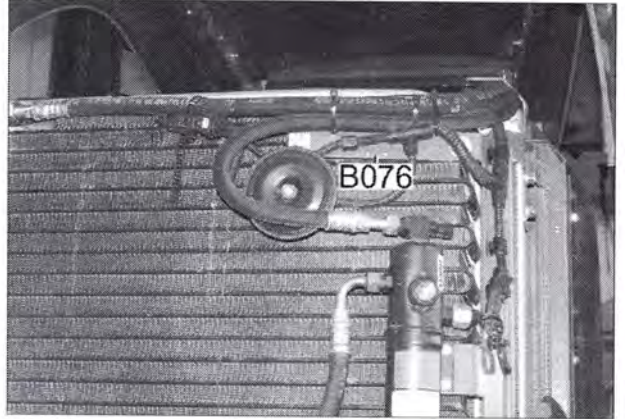


Fig. 49.

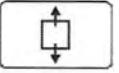
1001246

B077 - Engine fan (speed sensor/magnetic clutch)

X1532 - Separation point on B077



On fan wheel



Open bonnet.

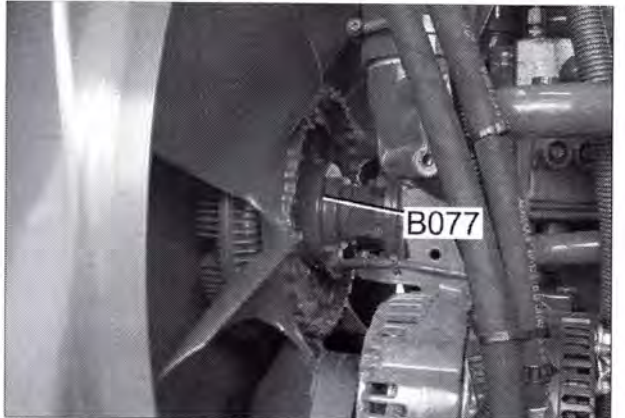


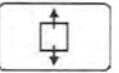
Fig. 50.

1001084

B081 - Steering wheel sensor (360°)



In the intermediate piece on the steering servo unit.



Remove panel on the bottom steering column; remove steering column from the servo unit and push upwards; remove rubber seal from the servo unit



Fig. 51.

EK109490

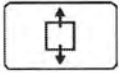
1006663

B083 - Immobiliser control

X1494 - Separation point on B083



Cab, left side on the steering column.



Remove panel.

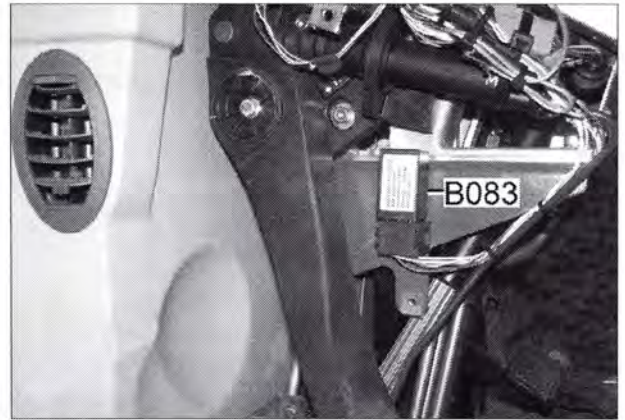


Fig. 52.

1001999

B084 - Sensor, hydraulic oil level

X214 - Separation point on B084



Left side of tractor, clutch housing top, below cab

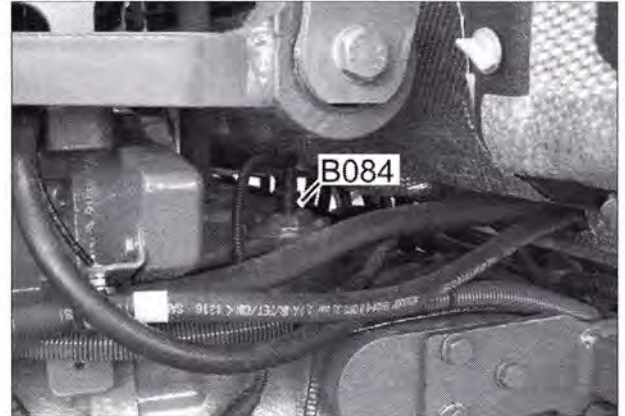


Fig. 53.

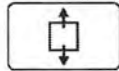
1001085

B085 - Camshaft speed sensor

X1654 - Separation point on B085



Right side of engine, on flywheel



Open bonnet.

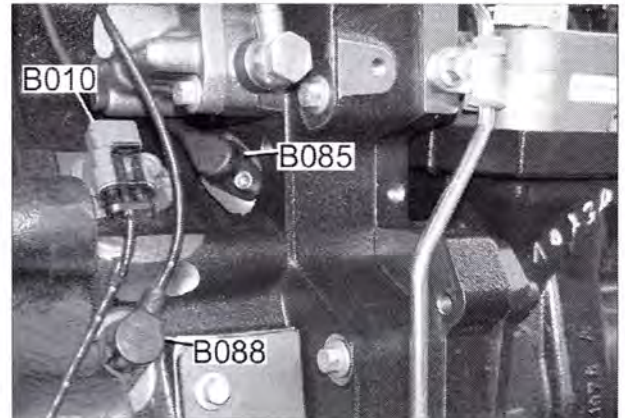


Fig. 54.

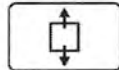
1001060

B086 - Rail pressure sensor

X1655 - Separation point on B086



Right side of engine, facing fan



Open bonnet.

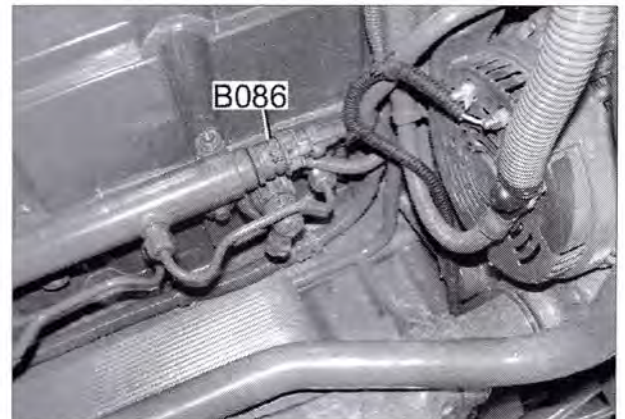
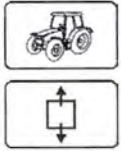


Fig. 55.

1001086

B087 - Fuel low pressure sensor
X1656 - Separation point on B087



Right side of engine, on fuel filter
 Open bonnet, detach panel

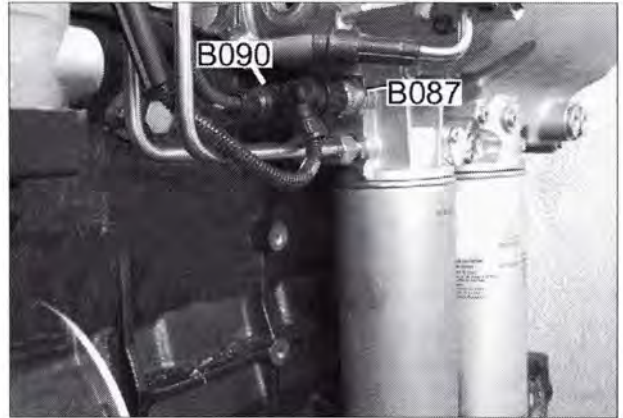
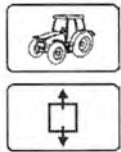


Fig. 56. 1001087

B088 - Crankshaft speed sensor
X1657 - Separation point on B088



Right side of engine, on flywheel
 Open bonnet.

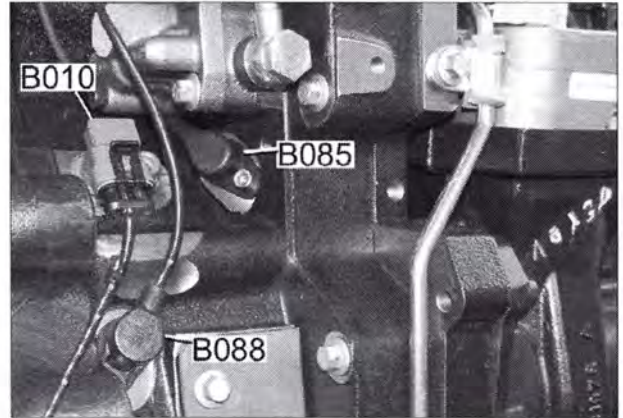
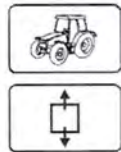


Fig. 57. 1001060

B089 - Engine temperature sensor (Deutz)
X1658 - Separation point on B089



On top of engine, on thermostat housing.
 Open bonnet.

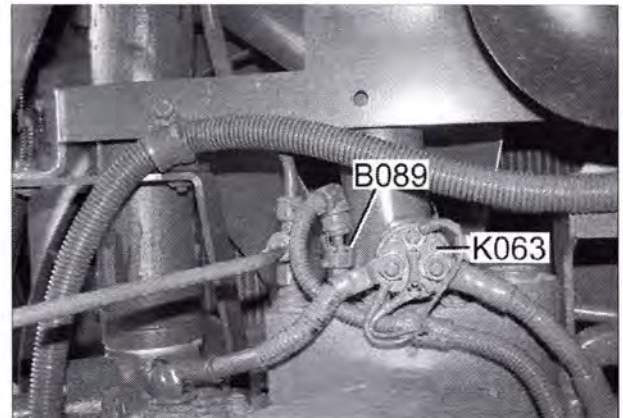
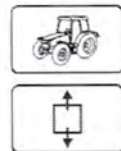


Fig. 58. 1001088

B090 - Sensor, oil pressure
X1659 - Separation point on B090 sensor, oil pressure



Right side of engine, on fuel filter
 Open bonnet, detach panel

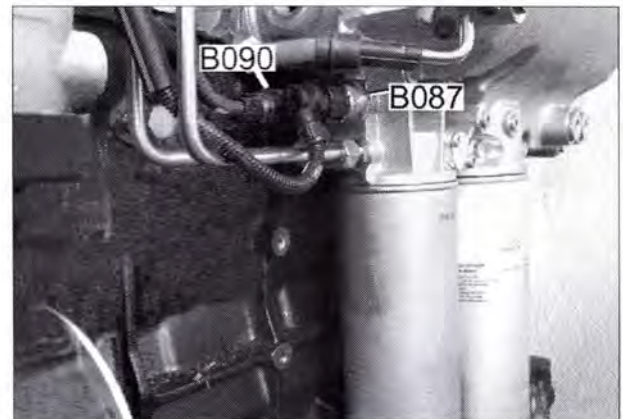


Fig. 59. 1001087

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

Version A

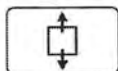
B091 - Sensor, water in fuel

X1660 - Separation point on B091 sensor, water in fuel

NOTE: Version A is fitted up to chassis numbers:
919../1011; 922../1006; 925../1010; 928../1013;
931../1009; 934../1083



Right side of tractor, behind the right fuel tank.



Remove the central control block panel.

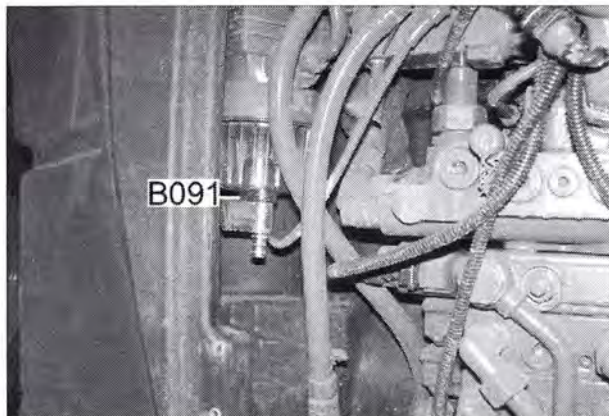


Fig. 60.

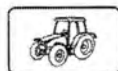
1002000

Version B

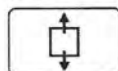
B091 - Sensor, water in fuel

X1660 - Separation point on B091 sensor, water in fuel

NOTE: Version B is fitted from the following chassis numbers onwards:
919../1012; 922../1007; 925../1011; 928../1014;
931../1010; 934../1084



Right side of tractor, behind the right fuel tank.



Remove the central control block panel.

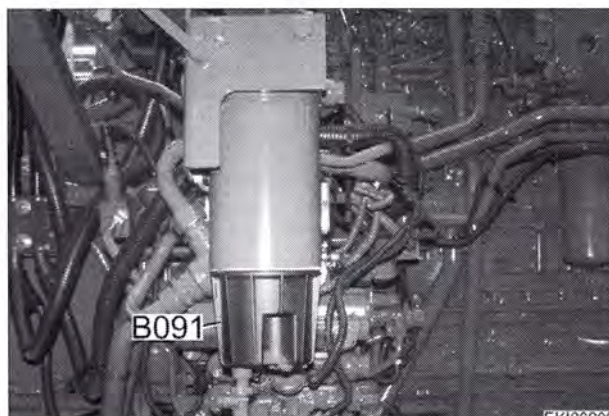


Fig. 61.

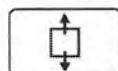
EK106900
1003821

B092 - Sensor, charge air pressure/temperature

X1661 - Separation point on B092



Engine, top



Open bonnet.

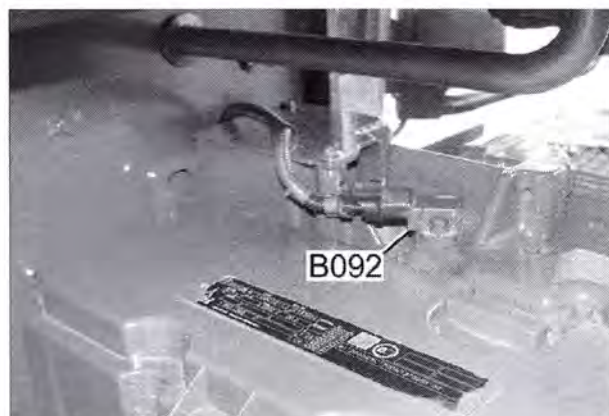
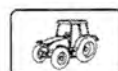


Fig. 62.

1001069

B095 - Microphone



Cab, right in roof



Fig. 63.

1008139

B101 - KITAS sensor

Rear axle, rear right

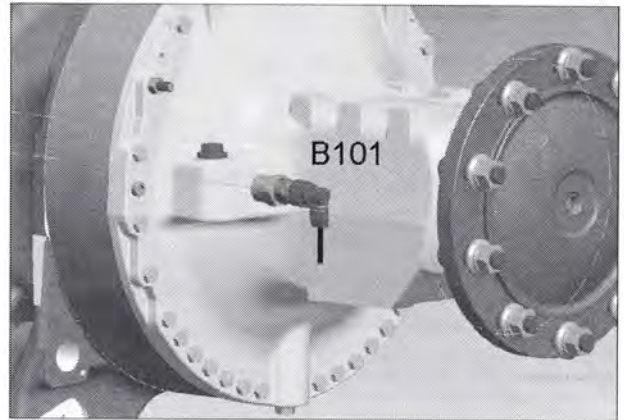


Fig. 64.

1008240

3 Electrical/electronic components - E

E003 - H4 additional headlight, right

E004 - H4 additional headlight, left



Fig. 65.

1000479

E009 - Licence plate lighting, right

E010 - Licence plate lighting, left



Fig. 66.

1000480

E019 - Lighting, cab



Top left in cab roof



Fig. 67.

1000481

E020 - Lighting (multifunction armrest)



Top right in cab roof



Fig. 68.

1000482

E021 - Rotating beacon, right
E022 - Rotating beacon, left



Fig. 69.

I000483

E023 - Rear window heater



Fig. 70.

I000484

E050 - Work lights, front left roof, internal
E051 - Work lights, front right roof, internal



Fig. 71.

I000485

E054 - Wide vehicle marker lights, right
E055 - Wide vehicle marker lights, left



Fig. 72.

I008147

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

E063 - Heater element, air dryer (temperature-controlled)



Behind right rear axle

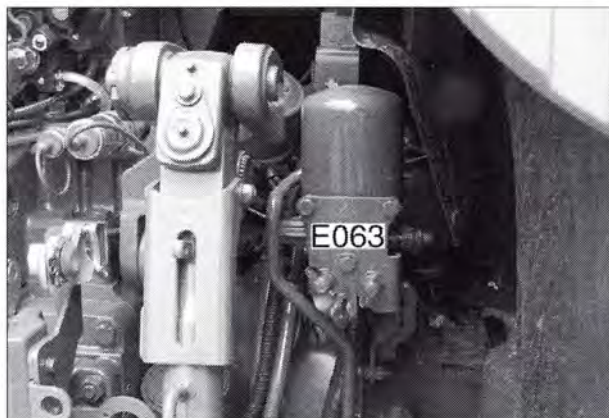


Fig. 73.

1000486

E064 - Rear direction indicator, left

E065 - Rear direction indicator, right



Fig. 74.

1000487

E066 - Brake and tail light left

E067 - Brake and tail light right



Fig. 75.

1000488

E070 - Work lights, front right roof, external

E071 - Work lights, front left roof, external



Fig. 76.

1000489

- E074** - Work light, right (cornerlight)
- E075** - Work light, left (cornerlight)



Fig. 77.

1000490

- E078** - Work light, rear right mudguard (optional Xenon)
- E079** - Work light, rear left mudguard (optional Xenon)



Fig. 78.

1000491

- E082** - Work light, rear right external (roof)
- E083** - Work light, rear right internal (roof)
- E084** - Work light, rear left internal (roof)
- E085** - Work light, rear left external (roof)



Fig. 79.

1002036

- E086** - Side lamp, front right
- E087** - Side lamp, front left
- E088** - Direction direction indicator, front right
- E089** - Direction direction indicator, front left



Fig. 80.

1000490

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

- E098** - Drive headlight (main beam), right
- E099** - Drive headlight (dipped beam), right
- E100** - Drive headlight (main beam), left
- E101** - Drive headlight (dipped beam), left

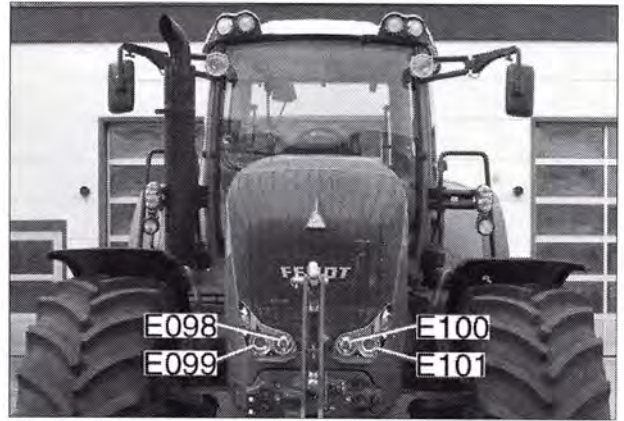


Fig. 81.

1000493

- E106** - Exterior mirror (adjustment/heater), right
- E107** - Exterior mirror (adjustment/heater), left



Fig. 82.

1002037

- E108** - Work light, right A pillar (optional Xenon)
- E109** - Work light, left A pillar (optional Xenon)



Fig. 83.

1000494

- E116** - Work lights, Xenon front right roof, external
- E117** - Work lights, Xenon front left roof, external



Fig. 84.

1002038

E130 - LED for rear direction indicator, left
E131 - LED for rear direction indicator, right

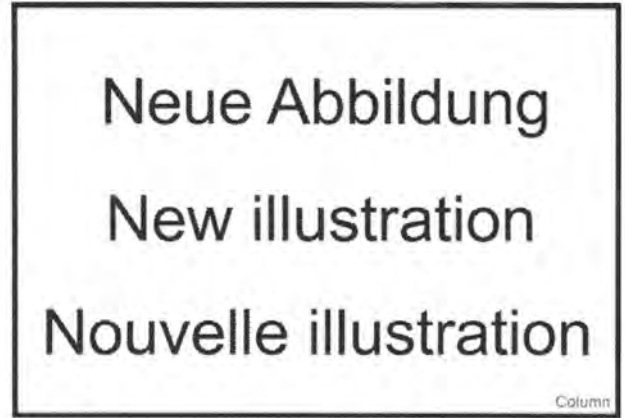


Fig. 85.

1000001

4 Electrical/electronic components - G

G001 - Battery 1

X058 - Battery terminal (+ UB 30)

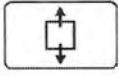
X059 - Separation point on G001

X060 - Separation point on G001

X066 - Separation point on G001



Right side of tractor, on entrance step



Detach cover



Fig. 86.

I001104

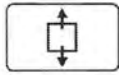
G002 - Alternator 1

X062 - Separation point on G002

X064 - Separation point on G002



Right side of engine



Opening the bonnet

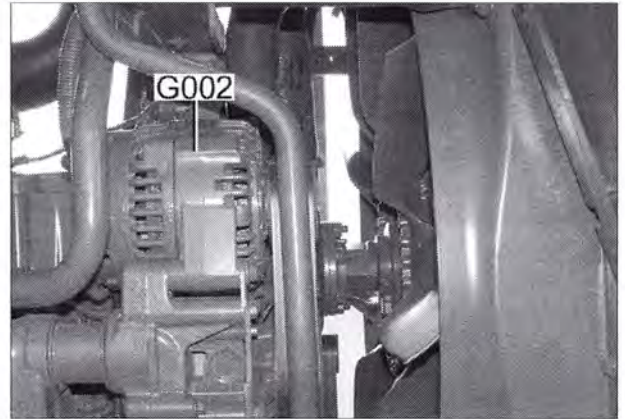


Fig. 87.

I001105

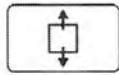
G004 - Alternator 2

X449 - Separation point on G004

X450 - Separation point on G004



On left side of engine



Opening the bonnet

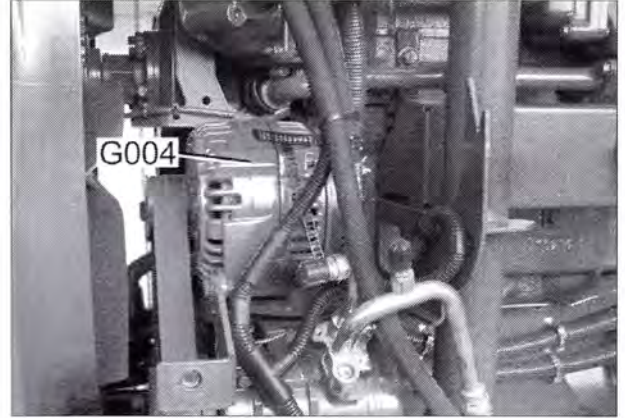


Fig. 88.

I001106

5 Electrical/electronic components - H

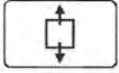
H005 - Horn

X998 - Separation point on H005

X999 - Separation point on H005



Front of tractor, before radiator assembly



Opening the bonnet

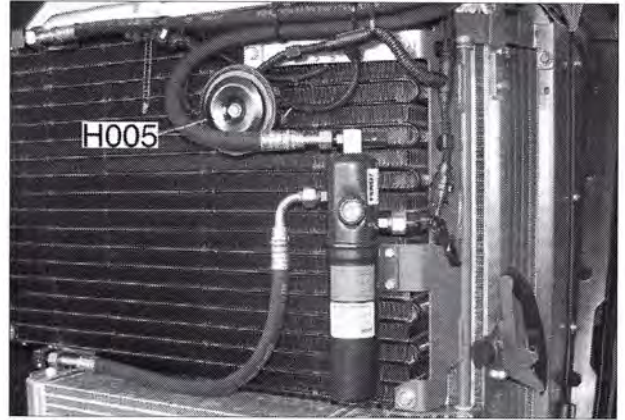


Fig. 89.

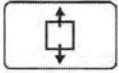
1001107

H006 - Audio warning signal

X204 - Separation point on H006



Cab, right mudguard, top



Detach cover



Fig. 90.

1001108

H009 - Blip signal, reversing

X1544 - Separation point on H007



Left side of tractor, at rear below wind-screen washer fluid container



Fig. 91.

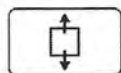
1001109

6 Electrical/electronic components – K

K061 - ISO bus disconnect relay



Right side of tractor, on the right tank.



Detach panel

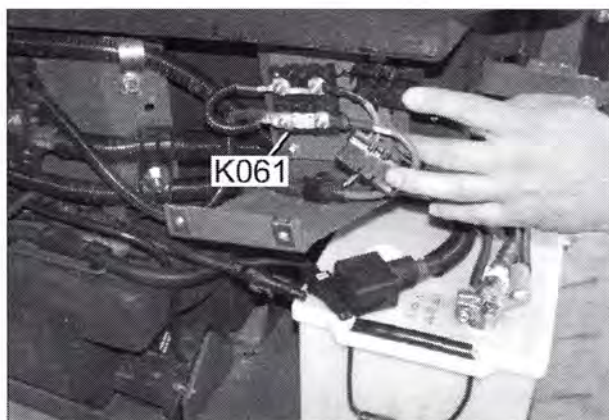


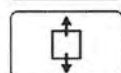
Fig. 92.

1001609

K063 - Heater flange relay



Above the engine.



Open bonnet.

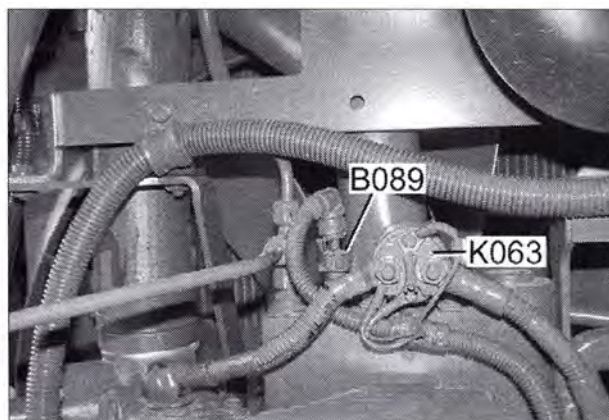
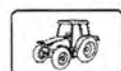


Fig. 93.

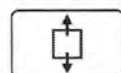
1001611

K065 - Starter relay

X1648 - Separation point on K065



Left side of engine, on starter



Open bonnet.

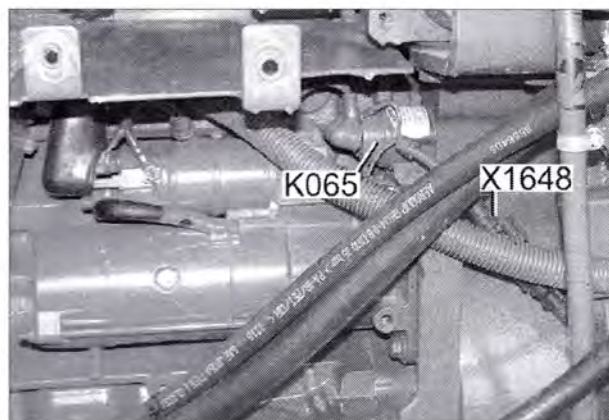


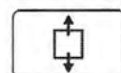
Fig. 94.

1002033

K068 - Relay, battery disconnect (impulse)



Right side of tractor, next to the battery.



Detach panel



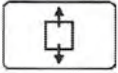
Fig. 95.

1003169

K069 - Relay, safety function (battery disconnect)



Cab, right mudguard at bottom



Detach panel



Fig. 96.

1003170

7 Electrical/electronic components - M

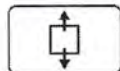
M001 - starter.

X057 - Separation point on M001

X061 - Separation point on M001



On left side of engine



Open bonnet.

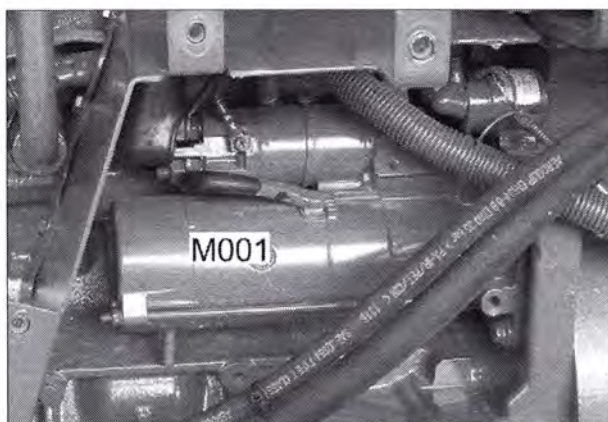


Fig. 97.

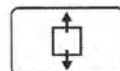
I001143

M002 - Front wiper motor

X347 - Separation point on M002



Cab, top of steering column



Detach panel

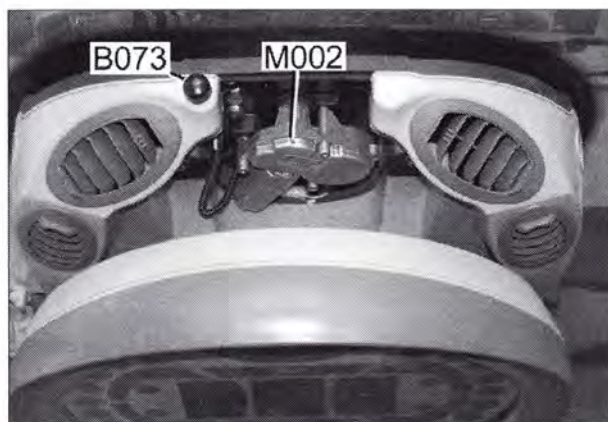


Fig. 98.

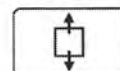
I001144

M003 - Wiper pump, front

X301 - Separation point on M003



Tractor rear, left mudguard, on washer system reservoir



Remove washer system reservoir



Fig. 99.

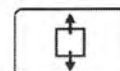
I001145

M004 - Rear wiper motor

X258 - Separation point on M004



Cab, on upper right of rear window



Detach panel



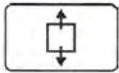
Fig. 100.

I001146

M005 - Wiper pump, rear
X303 - Separation point on M005



Tractor rear, left mudguard, on washer system reservoir



Remove washer system reservoir



Fig. 101.

I001147

M010 - Fuel pump
X300 - Separation point on M010



Left-hand fuel tank, top

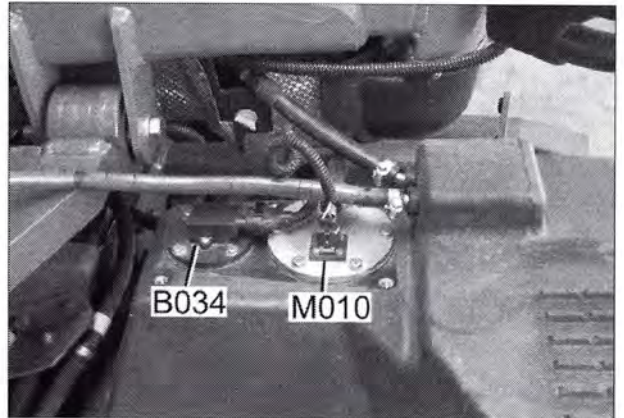
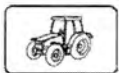


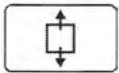
Fig. 102.

I001148

M015 - Actuator motor, top/middle air flap
X1546 - Separation point on M015



Cab, air box before steering column



Remove air box and take off cover

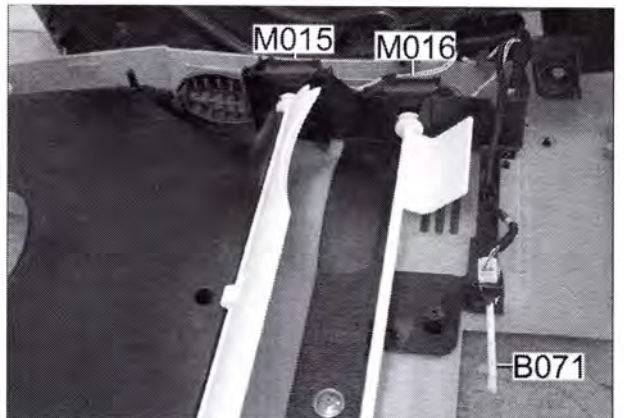


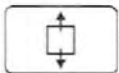
Fig. 103.

I001473

M016 - Servomotor, bottom air valve
X1547 - Separation point on M016



Cab, air box before steering column



Remove air box and take off cover

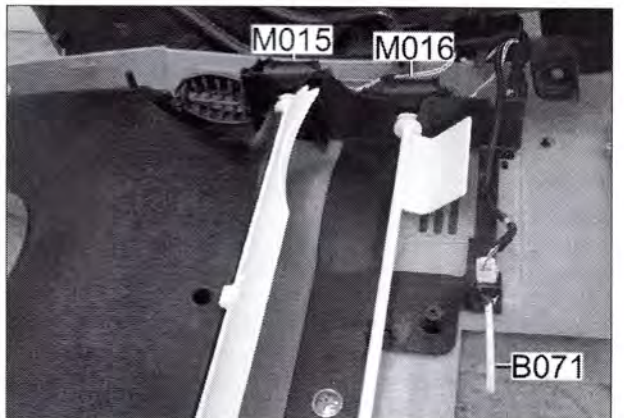


Fig. 104.

I001473

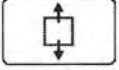
919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

M017 - Primary fan

X1555 - Separation point on M017



Left side of tractor, on entrance step under cab



Remove entrance step

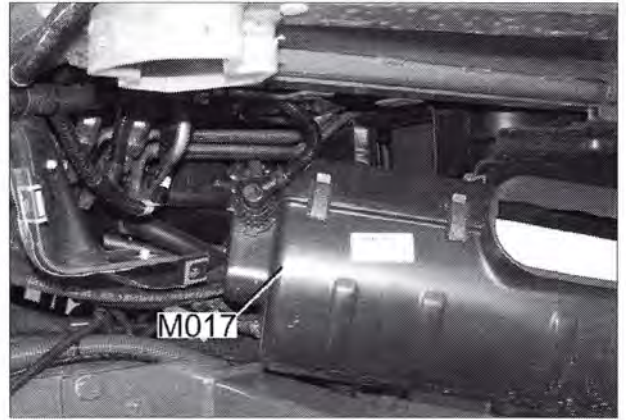


Fig. 105.

I001149

8 Electrical/electronic components - S

- S002** - Switch, ignition
- X072** - Separation point on S002
- X246** - Separation point on S002



In cab, steering column right.



Fig. 106.

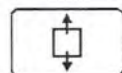
I001113

- S005** - Switch, right brake
- X217** - Separation point on S005

NOTE: S005 - Switch, right brake only installed in tractors with 1-circuit brake system



In cab, steering column right.



Detach cover



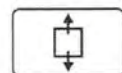
Fig. 107.

I009401

- S006** - Switch, left brake
- X218** - Separation point on S006



In cab, steering column right.



Detach cover

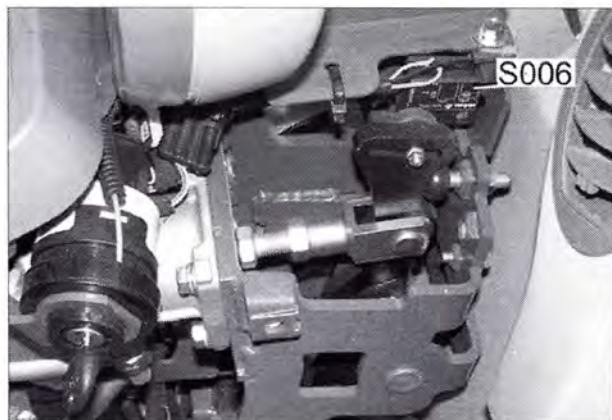


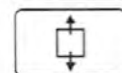
Fig. 108.

I001114

- S012** - Switch, starter lockout
- X082** - Separation point on S012



Cab, steering column left



Detach cover

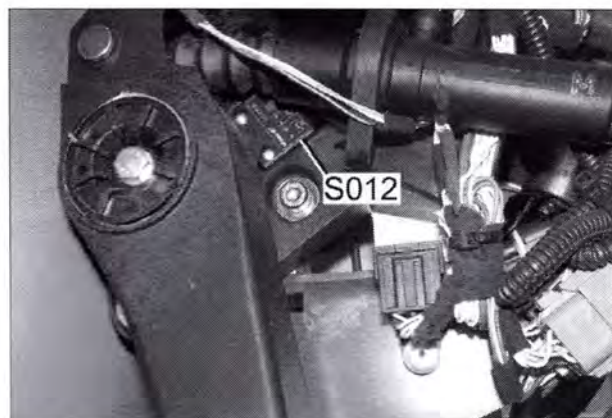


Fig. 109.

I001115

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

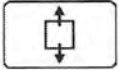
D - Component position

S013 - Emergency mode button

X224 - Separation point on S013



Cab, top of right mudguard, next to A013



Detach cover



Fig. 110.

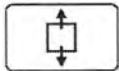
I001116

S017 - Filter contamination switch

X228 - Separation point on S017



Right side of transmission, on transmission oil filter



Detach right rear wheel and panel

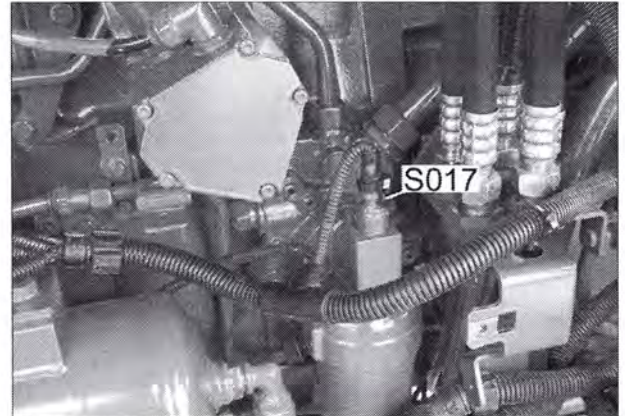


Fig. 111.

I001117

S019 - Button, rear PTO, external left

X229 - Separation point on S019



Rear of tractor, on left mudguard



Fig. 112.

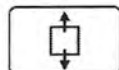
I001118

S020 - Button, rear PTO, external right

X230 - Separation point on S020



Rear of tractor, on right mudguard



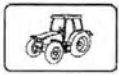
Detach cover



Fig. 113.

I001119

- S021** - Button, front power lift, external raise
- S022** - Button, front power lift, external lower
- X231** - Separation point on S021
- X232** - Separation point on S022



Front of tractor, left

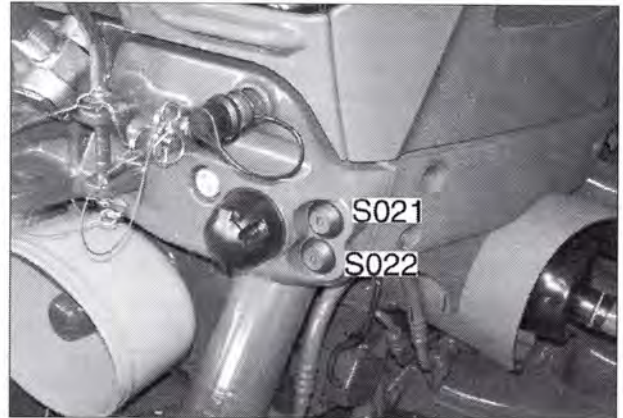


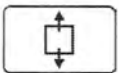
Fig. 114.

1001123

- S025** - Switch, LS pump pressure monitor
- X235** - Separation point on S025



Right side of tractor, at top of central control block



Detach cover

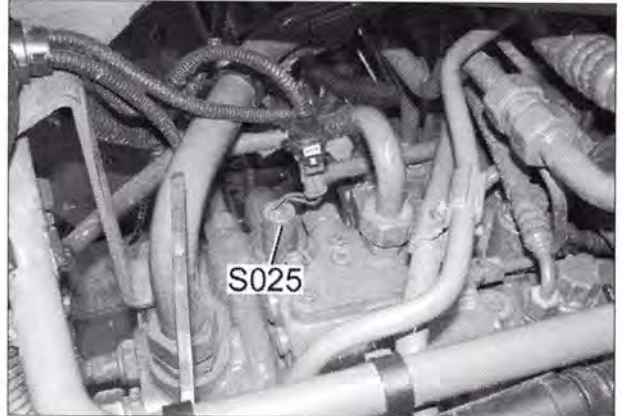


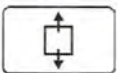
Fig. 115.

1001124

- S026** - Switch, steering pump flow controller
- X236** - Separation point on S026



Right side of tractor, at central valve block



Detach cover

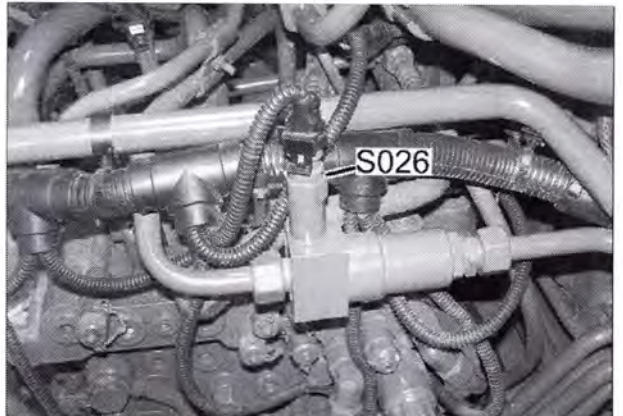


Fig. 116.

1001125

- S027** - Button, rear power lift, right-hand external raise
- S028** - Button, rear power lift, right-hand external lower
- X237** - Separation point on S027
- X238** - Separation point on S028



Rear of tractor, on right mudguard



Fig. 117.

1001126

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

- S029** - Button, rear power lift, left-hand external raise
- S030** - Button, rear power lift, left-hand external lower
- X239** - Separation point on S029
- X240** - Separation point on S030



Rear of tractor, on left mudguard



Fig. 118.

I001127

- S032** - Switch, left door contact
- X299** - Separation point on S032



Cab, left B-pillar



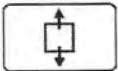
Fig. 119.

I001130

- S034** - Switch, coolant level
- X244** - Separation point on S034



Engine at top, coolant reservoir



Open bonnet.



Fig. 120.

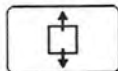
I001131

- S035** - Switch, high-pressure/low-pressure (air conditioning system)
- X341** - Separation point on S035

- X341** - Separation point on S035



Front of tractor, near cooler package



Open bonnet.

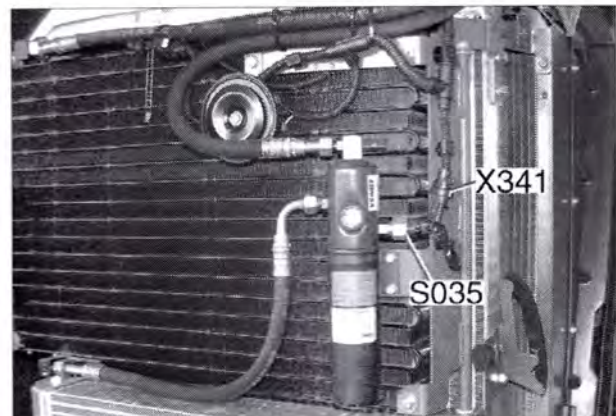


Fig. 121.

I001132

S045 - Switch, reversing driver stand
X213 - Separation point on S045



Cab, below rear window

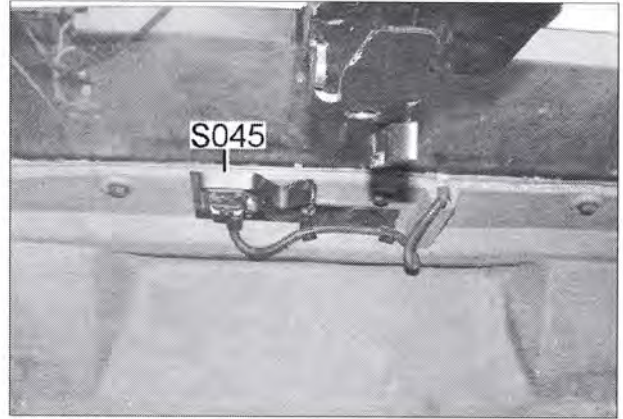


Fig. 122.

1003191

S047 - Switch, engine brake
X140 - Separation point on S047



Cab, on floor, left



Fig. 123.

1001133

S067 - Button, valve actuation, external raise
S068 - Button, valve actuation, external lower
X1114 - Separation point on S067
X1115 - Separation point on S068



Rear of tractor, on left mudguard



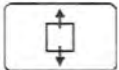
Fig. 124.

1001134

S075 - Switch, guard rail pump flow monitor
X1499 - Separation point on S075



Right side of tractor, at central valve block



Detach cover

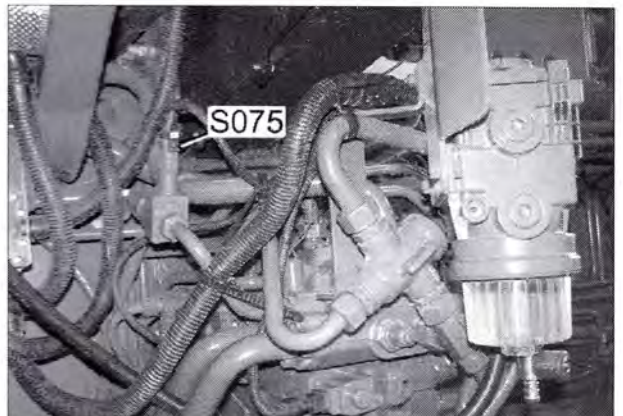


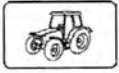
Fig. 125.

1001135

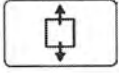
S076 - Switch, clutch fluid

X1542 - Separation point on S076

X1543 - Separation point on S076



Cab, top of steering column



Detach cover

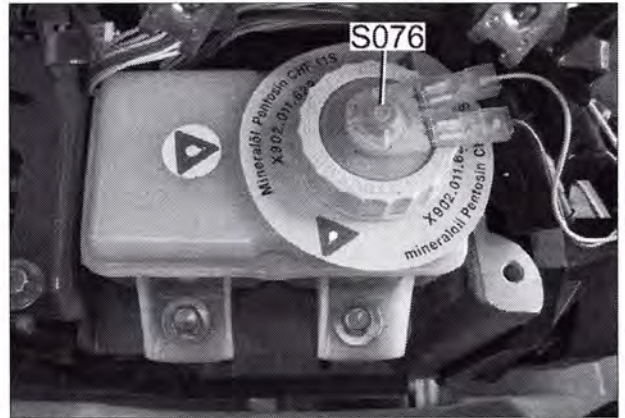


Fig. 126.

I001136

S079 - Switch, steering column

X1590 - Separation point on S079

X1591 - Separation point on S079



Cab, steering column left

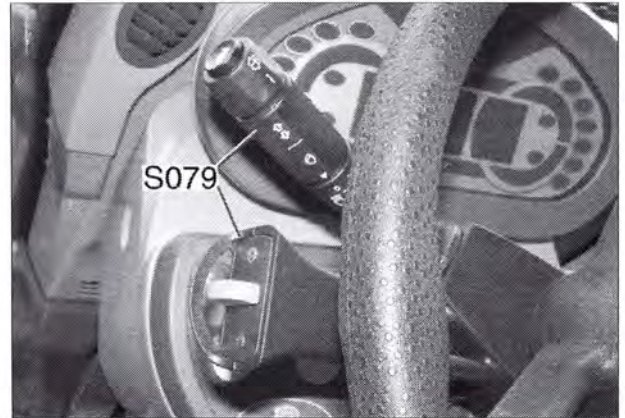


Fig. 127.

I001137

S080 - Switch, hand brake

X1467 - Separation point on S080



Rear axle right, Tristop cylinder

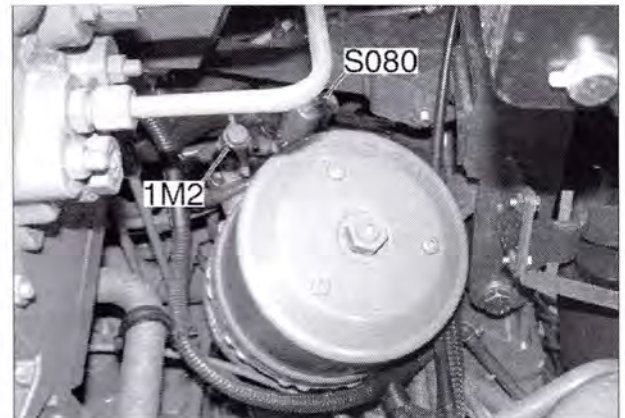


Fig. 128.

I001138

S085 - Switch, reverse operation (RÜFA) actuation

X1650 - Separation point on S085



Cab, below steering column at right-hand side



Fig. 129.

I003269

S086 - Switch, brake wearing, right

S087 - Switch, brake wearing, left

X1651 - Separation point on S086

X1652 - Separation point on S087



Rear axle left and right, on Tristop cylinder

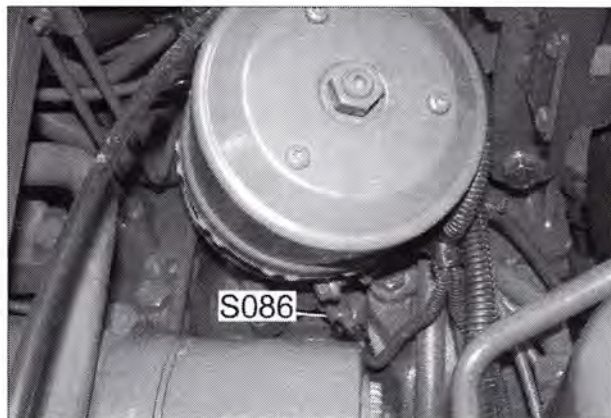


Fig. 130.

I001140

S092 - Battery disconnect switch

X993 - Separation point on S082



Cab, top of right mudguard



Fig. 131.

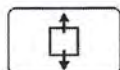
I001139

9 Electrical/electronic components – U

U001 - Immobiliser aerial



Cab, steering column at the ignition switch.



Remove panel.

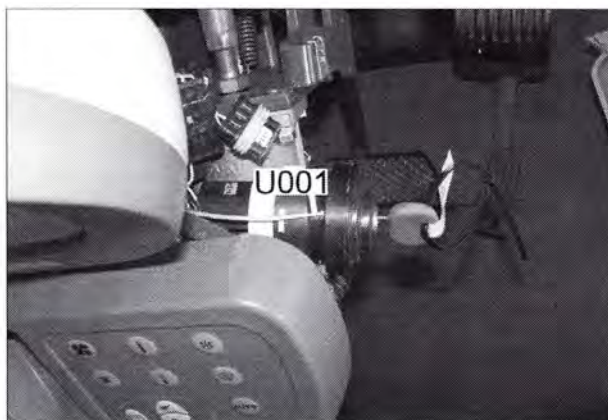
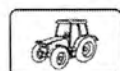


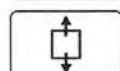
Fig. 132.

1002006

U002 - Radio aerial



Cab, in cab roof.



Remove the roof lining.



Fig. 133.

1002493

10 Electrical/electronic components - X

X007 - Implement socket

X008 - Socket, on-board computer counter input



Cab, C-pillar, top right



Fig. 134.

I001191

X015 - External control socket



Rear of tractor, right

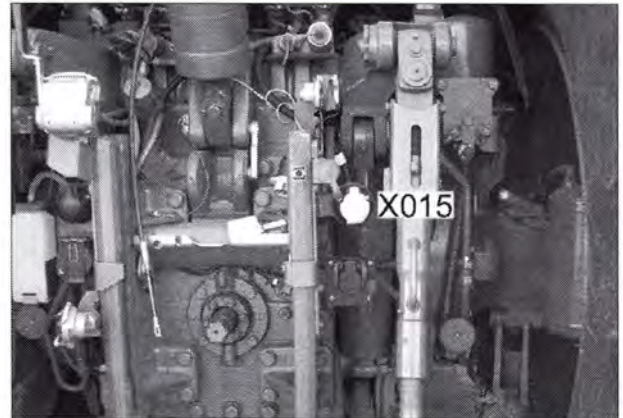


Fig. 135.

I001300

X017 - Front socket



Front of tractor, left

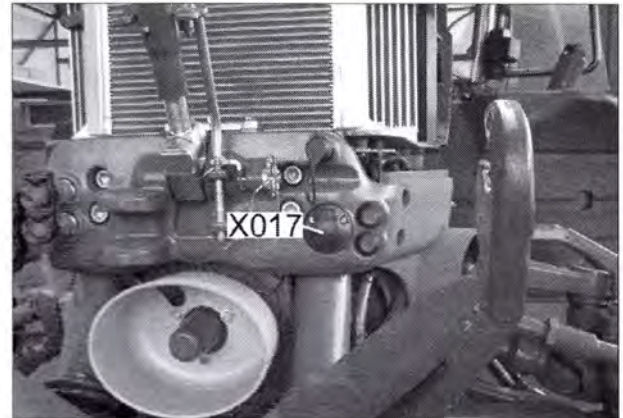


Fig. 136.

I001217

X018 - Rear socket



Rear of tractor, left

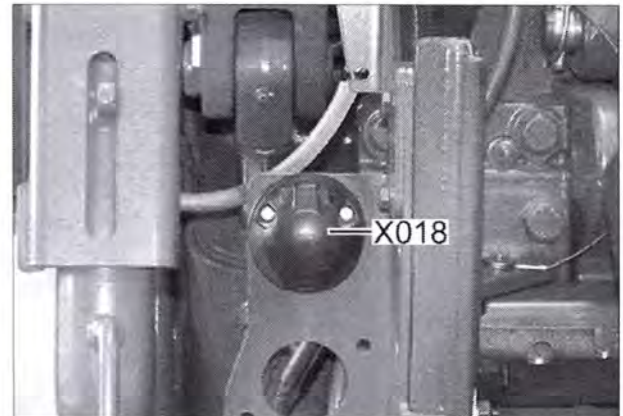


Fig. 137.

I001192

919 .. 0101-1000
 919 .. 1001-
 922 .. 0101-1000
 922 .. 1001-
 925 .. 0101-1000

925 .. 1001-
 928 .. 0101-1000
 928 .. 1001-
 931 .. 0101-1000
 931 .. 1001-

934 .. 0101-1000
 934 .. 1001-

X028 - ISO socket (cab)



Cab, C-pillar, top right



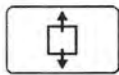
Fig. 138.

1001191

X037 - Separation point on A009



Right side of transmission.



Detach right rear wheel and panel



Fig. 139.

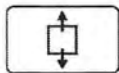
1001227

X100 [blau] - Separation point on A007

X101 [gelb] - Separation point on A007



Rear of instrument panel



Swivel instrument panel forwards

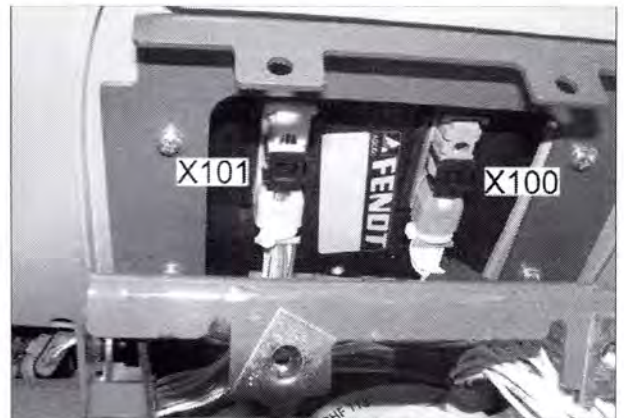


Fig. 140.

1001226

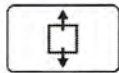
X200 - Separation point on A013

X201 - Separation point on A013

X202 - Separation point on A013



Cab, right mudguard, top



Detach cover

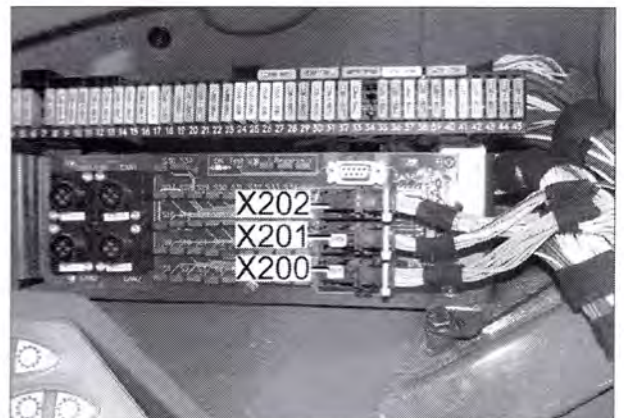


Fig. 141.

1001218

- X254** - 10 amp socket
- X255** - 25 A socket (+ UB 30)
- X256** - 25 amp socket (earth)



Cab, C-pillar, top right



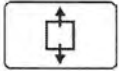
Fig. 142.

1001191

- X259** - Separation point on E023
- X260** - Separation point on E023



Cab, rear wiper motor



Detach cover



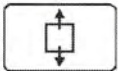
Fig. 143.

1001230

- X342** - Separation point on Y024



Left side of engine, on air conditioning compressor



Open bonnet.

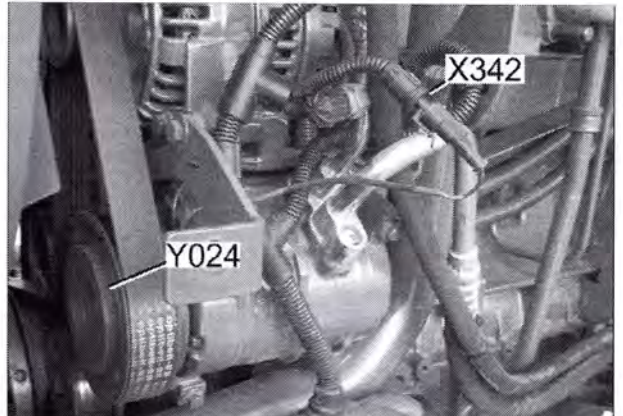


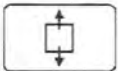
Fig. 144.

1001193

- X345** - Separation point on E022



Cab roof, right



Detach cover



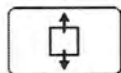
Fig. 145.

1001228

X346 - Separation point on E021



Cab roof, left



Detach cover



Fig. 146.

1001229

X400 - Rear ISO implement socket



Rear of tractor, right



Fig. 147.

1001279

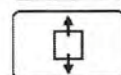
X454 - Separation point on A038

X455 - Separation point on A038

X456 - Separation point on A038



Cab, right mudguard, bottom



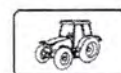
Detach cover



Fig. 148.

1001231

X479 - Separation point on A011



Left lower side of tractor, between left fuel tank and clutch housing

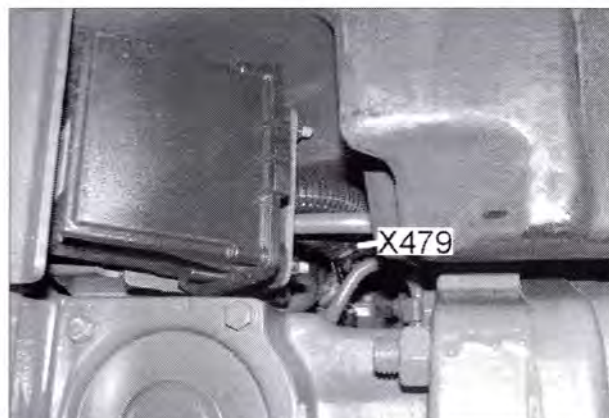


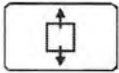
Fig. 149.

1003187

X497 - Separation point, ISO preparation



Right side of tractor, next to fuel tank, right



Detach cover

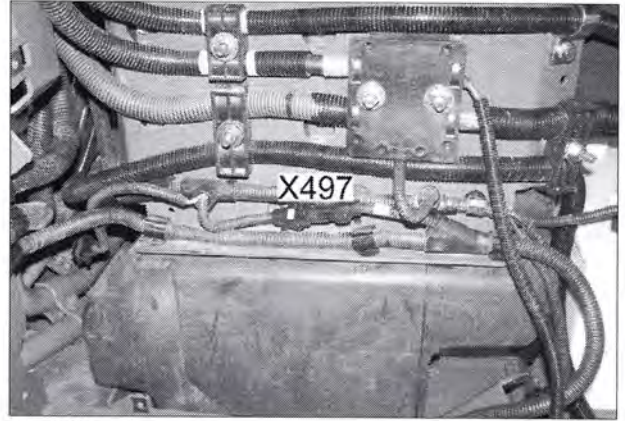


Fig. 150.

1001268

X510 - Earth pin, engine left

X511 - Earth pin, engine

X512 - Earth pin, engine

X513 - Earth pin, engine

X520 - Earth pin, oil sump right

X521 - Earth pin, engine



Right side of engine

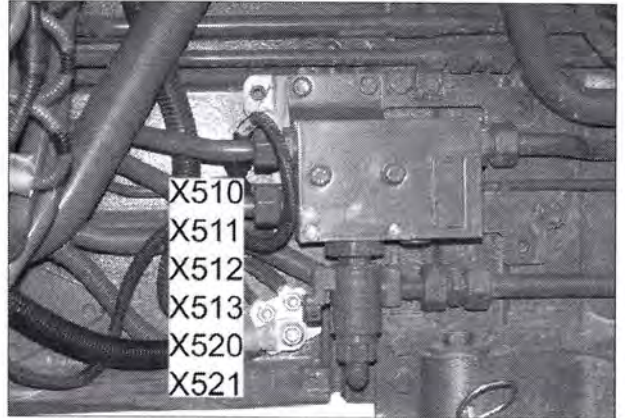


Fig. 151.

1001233

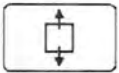
X532 - Earth pin, cab body

X533 - Earth pin, cab body

X534 - Earth pin, cab body



Right C-pillar, top



Detach cover plate with connectors



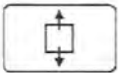
Fig. 152.

1001261

X550 - Earth pin, operator platform right



Cab, right mudguard, bottom



Detach panel

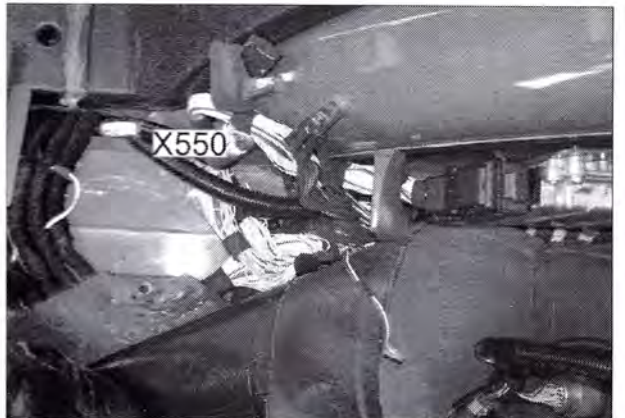


Fig. 153.

1001247

D - Component position

X551 - Earth pin, operator platform right

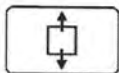
X552 - Earth pin, operator platform

X553 - Earth pin, operator platform

X554 - Earth pin, operator platform



Cab, right mudguard, bottom



Detach panel



Fig. 154.

I001248

X558 - Earth pin, transmission

X559 - Earth pin, transmission

X570 - Earth pin, transmission

X571 - Earth pin, transmission

X572 - Earth pin, transmission

X573 - Earth pin, transmission

X574 - Earth pin, transmission



Right side of transmission, next to rear axle housing

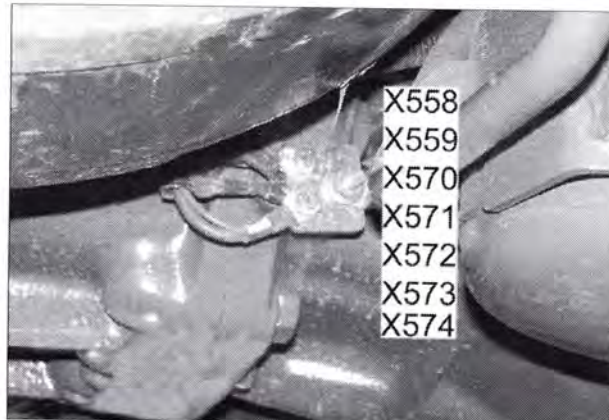


Fig. 155.

I001299

X596 - Connector, earth (X1048 socket, ABS)



Tractor rear, back of ABS socket.

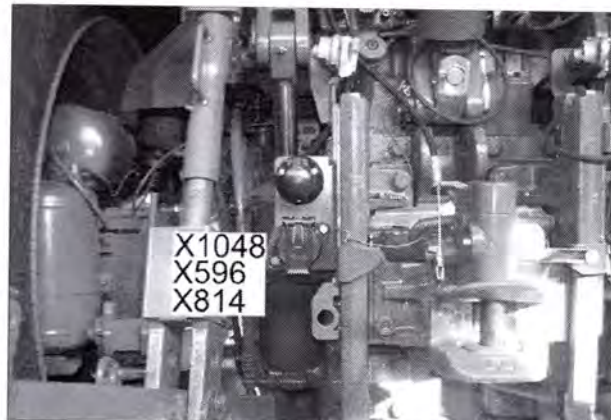


Fig. 156.

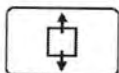
I001842

X598 - Connector, K bus_High

X599 - Connector, K bus_Low



Cab, right mudguard, bottom



Detach panel

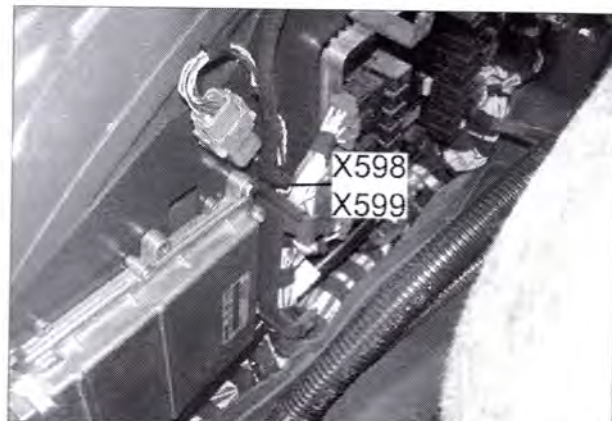


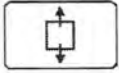
Fig. 157.

I001251

X608 - Connector, + UB 15



Cab, right mudguard, bottom



Detach panel



Fig. 158.

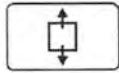
I001195

X619 - Connector, electronics earth

X620 - Connector, sensor system earth



Cab, right mudguard, top



Detach panel



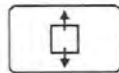
Fig. 159.

I001196

X621 - Connector, sensor system earth



Cab, right mudguard, top



Detach panel



Fig. 160.

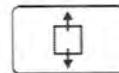
I001275

X627 - Connector, electronics earth

X629 - Connector, + UB 30



Cab, right mudguard, top



Detach panel

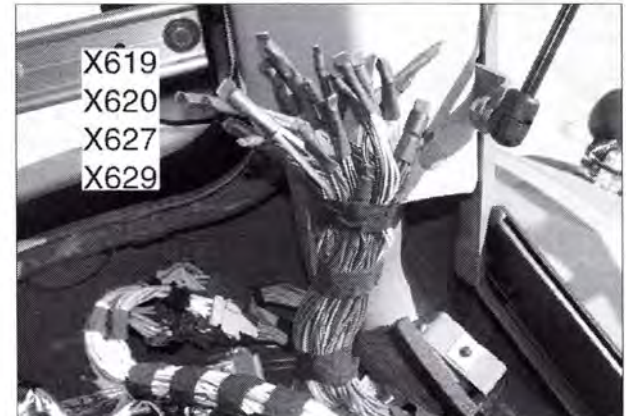


Fig. 161.

I001196

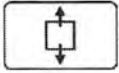
X631 - Connector, rear PTO LED ON

X635 - Connector, sensor system earth (instrument panel)

X643 - Connector, instrument panel earth



Cab, right mudguard, top



Detach panel



Fig. 162.

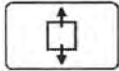
I001197

X650 - Connector, headlight 56b (dipped beam)

X651 - Connector, headlight 56a (main beam)



Cab, right mudguard, top



Detach panel



Fig. 163.

I001198

X657 - Connector, auxiliary lighting 56a (main beam)

X658 - Connector, auxiliary lighting 56b (dipped beam)

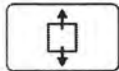
X659 - Connector, work light (cornerlight)

X660 - Connector, sensor system earth

X661 - Connector, electronics earth



Cab, right mudguard, top



Detach panel



Fig. 164.

I001199

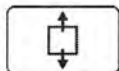
X668 - Connector, sensor system earth

X669 - Connector, sensor system earth

X671 - Connector, sensor system earth



Right side of tractor, next to fuel tank, right



Detach panel and right rear wheel, protective guard and cap

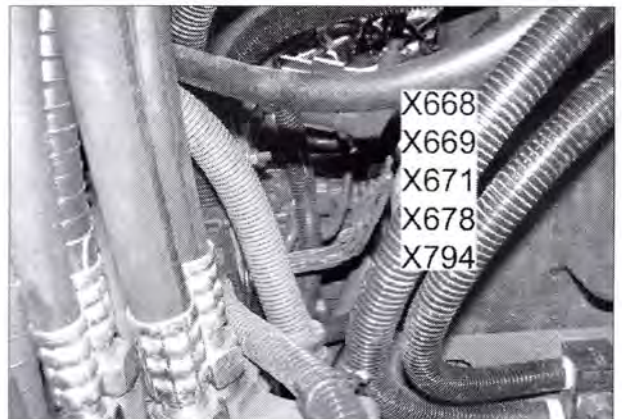


Fig. 165.

I001277

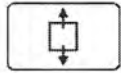
X672 - Connector, sensor system earth

X673 - Connector, sensor system earth

X674 - Connector, sensor system earth



Right side of tractor, next to transmission oil filter



Detach protective guard and cap

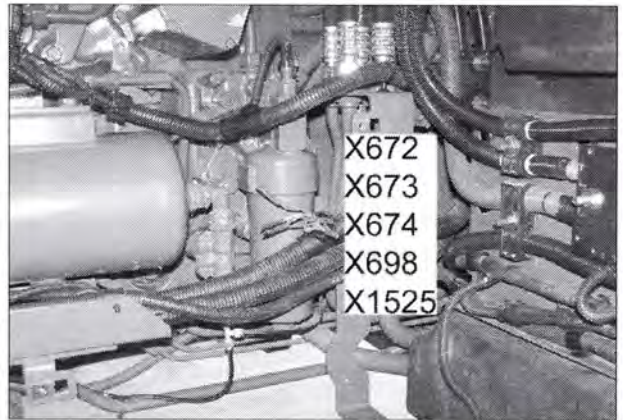


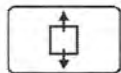
Fig. 166.

1001276

X678 - Connector, sensor system earth



Right side of tractor, next to fuel tank, right



Detach panel and right rear wheel, protective guard and cap

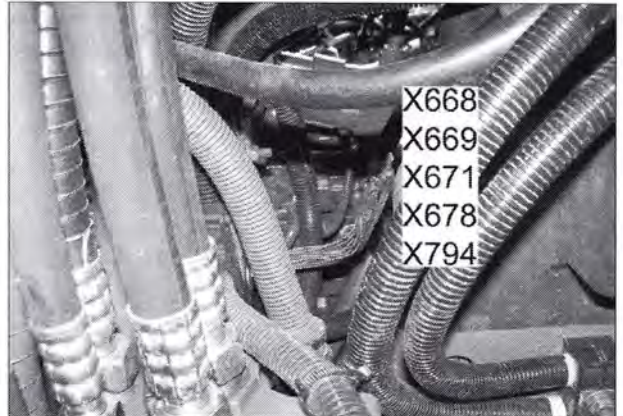


Fig. 167.

1001277

X684 - Connector, ISO socket earth



Rear of tractor, right

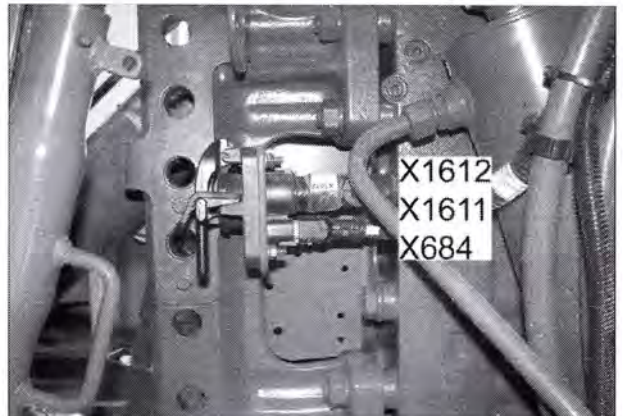


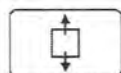
Fig. 168.

1001280

X692 - Connector, +UB 30 (A051)



Cab, right mudguard, top



Detach panel



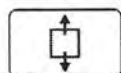
Fig. 169.

1001200

X694 - Connector, +UB 30 (A038)



Cab, right mudguard, bottom



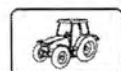
Detach panel



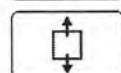
Fig. 170.

I001195

X698 - Connector, sensor system earth



Right side of tractor, next to transmission oil filter



Detach protective guard and cap

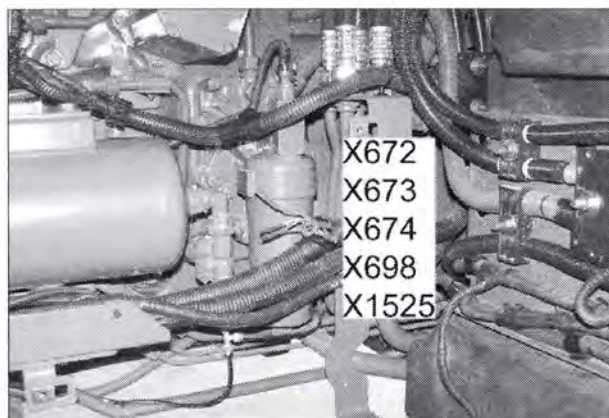


Fig. 171.

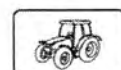
I001276

X707 - Connector, ISO bus_Low

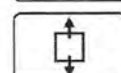
X708 - Connector, ISO bus_High

X711 - Connector, V bus_High

X712 - Connector, V bus_Low



Cab, right side on floor



Detach panel and floor mat



Fig. 172.

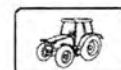
I001249

X714 - Connector, G bus_Low

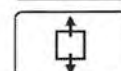
X715 - Connector, G bus_High

X718 - Connector, K bus_Low

X719 - Connector, K bus_High



Cab, right side on floor



Detach panel and floor mat

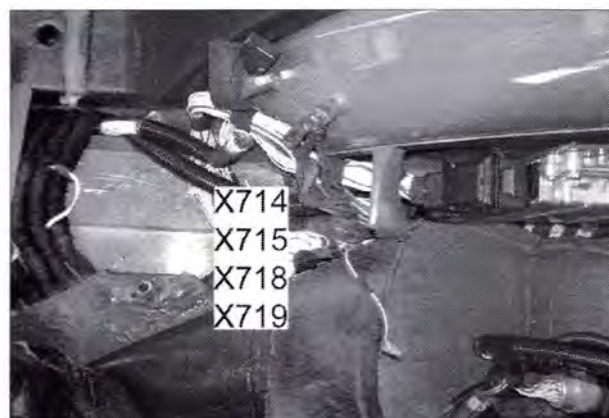


Fig. 173.

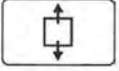
I001250

X725 - Connector, K bus_High

X726 - Connector, K bus_Low



Cab, right mudguard, top



Detach panel

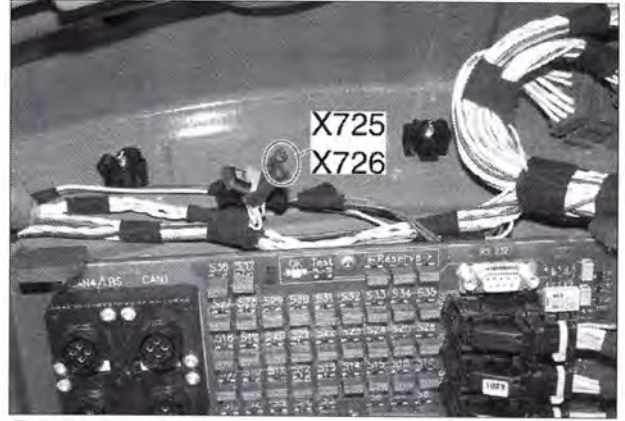


Fig. 174.

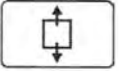
1001205

X727 - Connector, ISO bus_High

X728 - Connector, ISO bus_Low



Cab, right mudguard, top



Detach panel



Fig. 175.

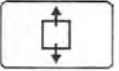
1001206

X738 - Connector, serial RXD

X739 - Connector, serial TXD



Cab, right mudguard, top



Detach panel



Fig. 176.

1001202

X756 - Connector, K bus_High

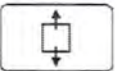
X757 - Connector, K bus_Low

X758 - Connector, ISO bus_High

X759 - Connector, ISO bus_Low



Cab, right mudguard, top



Detach panel

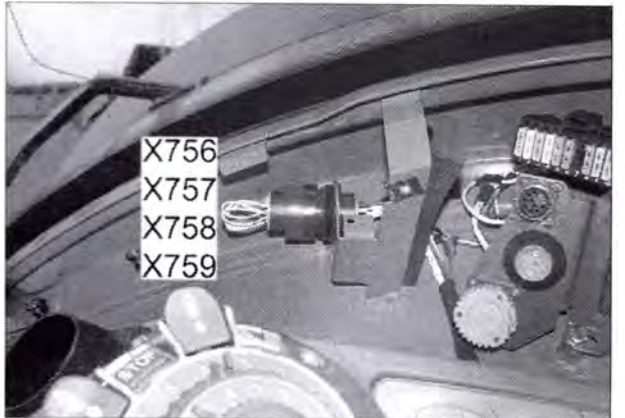


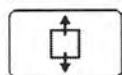
Fig. 177.

1001281

X760 - Connector, earth



Rear mudguard, left



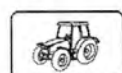
Detach cover panel



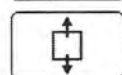
Fig. 178.

1001270

X761 - Connector, earth



Rear mudguard, right



Detach cover panel

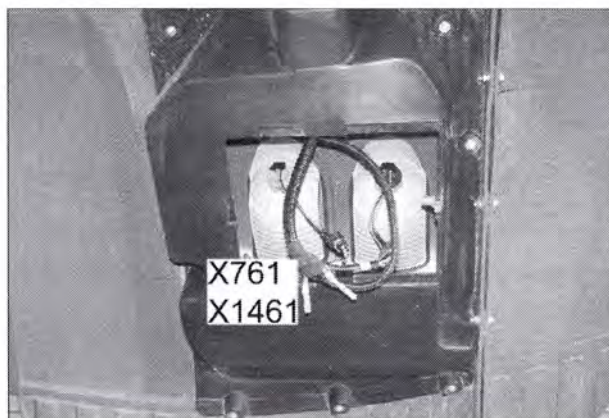


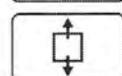
Fig. 179.

1001269

X762 - Connector, + UB 15



Cab, left side of steering column



Detach panel

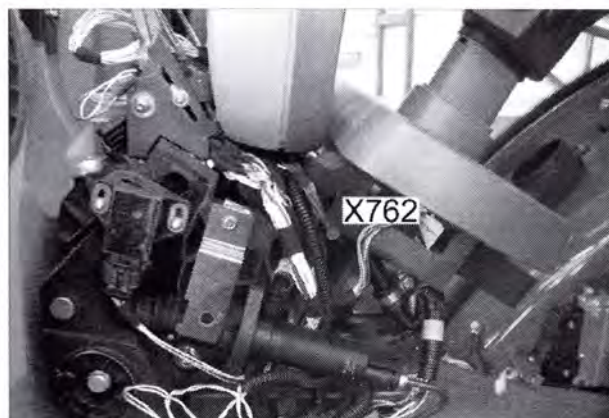


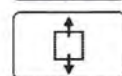
Fig. 180.

1001272

X766 - Connector, air conditioning earth



Cab, right mudguard, top



Detach panel



Fig. 181.

1001202

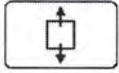
X769 - Connector, signal (E021/E022)

X789 - Connector, signal (E083/E084)

X793 - Connector, signal (E082/E085)



Right C-pillar, top



Detach cover plate with connectors



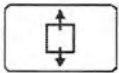
Fig. 182.

1001262

X794 - Connector, earth (A051)



Right side of tractor, next to fuel tank, right



Detach right rear wheel and panel, protective guard and cap

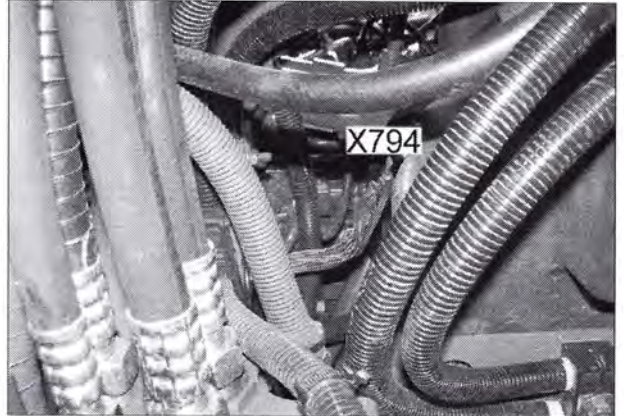


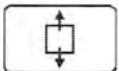
Fig. 183.

1001287

X796 - Cable coupling (M002)



Cab, steering column, left side on floor



Lift floor mat

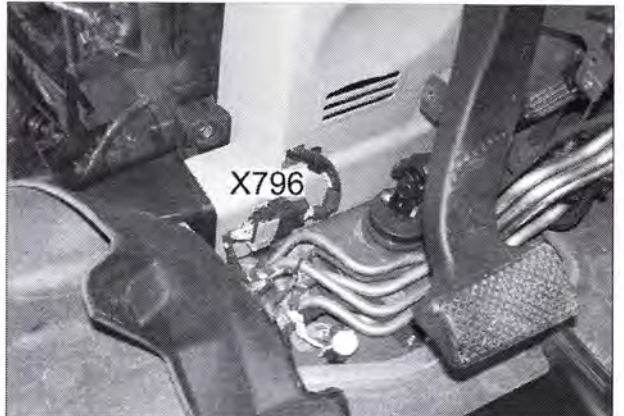


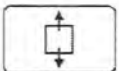
Fig. 184.

1001245

X797 - Connector, air conditioning coupler signal



Front of tractor, on radiator



Open bonnet.

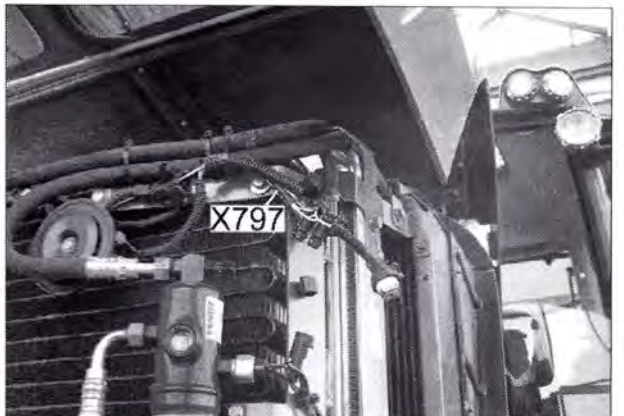


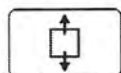
Fig. 185.

1001288

X810 - EDC diagnostics socket (engine control unit)



Cab, right mudguard, top



Detach cover

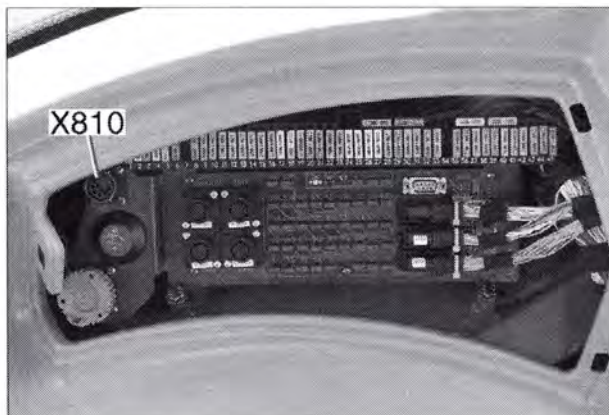


Fig. 186.

1001207

X814 - Connector, +UB30 (X1048 socket, ABS)



Tractor rear, back of ABS socket.

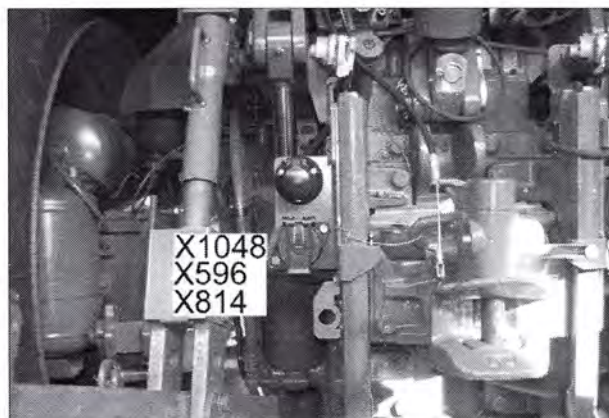
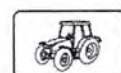


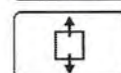
Fig. 187.

1001842

X834 - Separation point on E070



Cab roof right, underneath roof lining



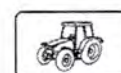
Remove roof lining.



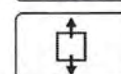
Fig. 188.

1009308

X835 - Separation point on E071



Cab roof left, underneath roof lining



Remove roof lining.



Fig. 189.

1009309

X836 - Separation point on E0116 / E117



Neue Abbildung
 New illustration
 Nouvelle illustration

Column

Fig. 190.

1000001

X837 - Separation point on X1048 socket, ABS



Top of rear axle housing, back of valve block.



Fig. 191.

1001289

X838 - Separation point on X015 socket, external control



Top of rear axle housing, back of valve block.



Fig. 192.

1001844

X845 - 25 A socket (+ UB 30)

X846 - 25 amp socket (earth)

X847 - 25 A socket (+ UB 30)

X848 - 25 amp socket (earth)



Cab, C-pillar, top right



Fig. 193.

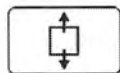
1001191

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

X868 - Separation point on E106



Mirror holder, right



Detach cover



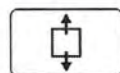
Fig. 194.

I001253

X869 - Separation point on E107



Mirror holder, left



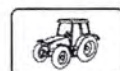
Detach cover



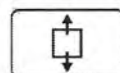
Fig. 195.

I001254

X896 - Separation point on E054



Cab, left mudguard, bottom



Detach panel



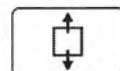
Fig. 196.

I001256

X897 - Separation point on E055



Cab, right mudguard, top



Detach panel

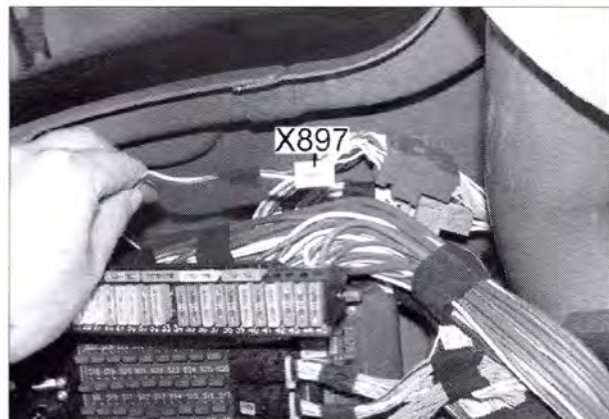


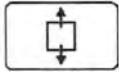
Fig. 197.

I001223

X899 - Connector, earth



Engine, next to engine control unit



Open bonnet.



Fig. 198.

1001273

X916 - Separation point on E064

X916 - Separation point on E118

X917 - Separation point on E065

X917 - Separation point on E119

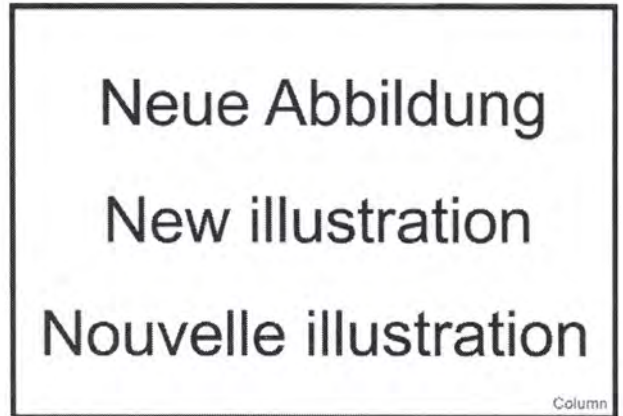
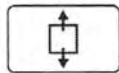


Fig. 199.

Column

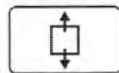
1000001

X920 - Separation point on A053

X921 - Separation point on A053



Cab floor, to right of throttle pedal.



Detach panel



Fig. 200.

1001843

X1048 - Socket ABS



Rear of tractor, left

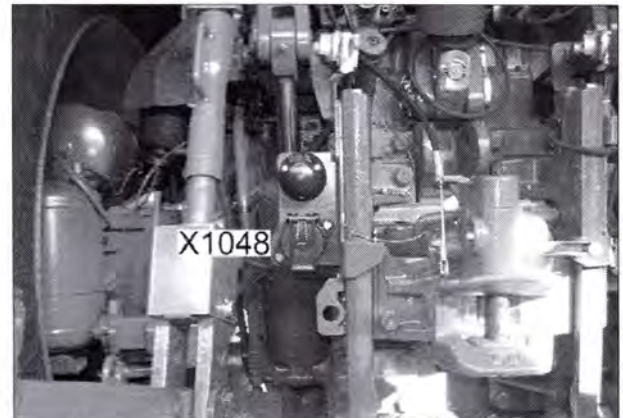


Fig. 201.

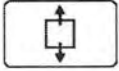
1001301

X1315 - Separation point on radio (compact plug)

X1316 - Separation point on radio (compact plug)



Cab, in roof lining, top right



Detach cover or radio



Fig. 202.

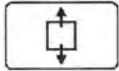
1001282

X1343 - Connector, G bus_High

X1344 - Connector, G bus_Low



Cab, left side of steering column



Detach panel

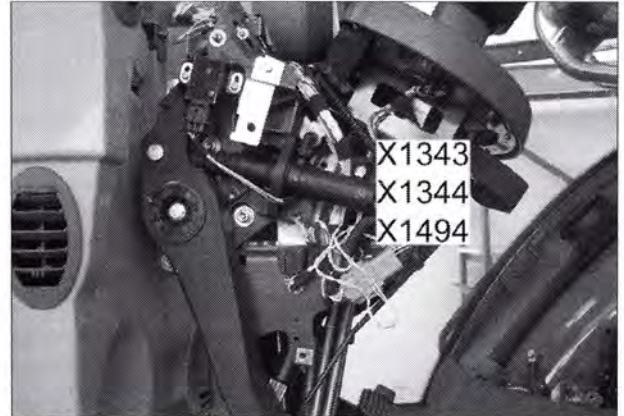


Fig. 203.

1001274

X1401 - Separation point on A039



Cab, driver seat, bottom right



Fig. 204.

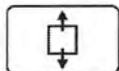
1001225

X1402 [B] - Separation point on A050

X1403 [A] - Separation point on A050



Cab, right mudguard, bottom



Detach panel



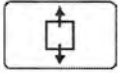
Fig. 205.

1001224

- X1404 [A]** - Separation point on A038
- X1405 [B]** - Separation point on A038
- X1406 [C]** - Separation point on A038
- X1407 [D]** - Separation point on A038
- X1408 [E]** - Separation point on A038
- X1409 [F]** - Separation point on A038



Cab, right mudguard, bottom



Detach panel

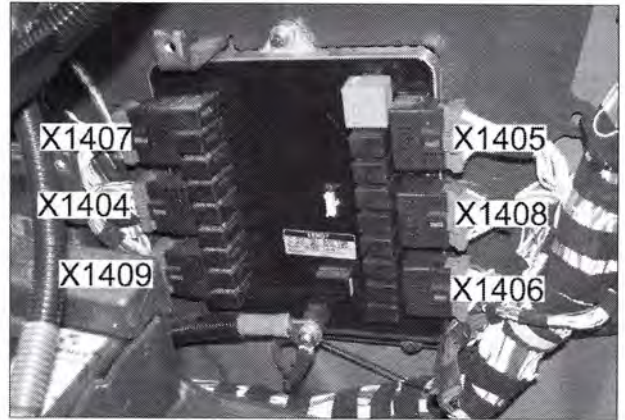


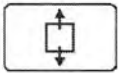
Fig. 206.

1001219

- X1417** - Cable coupling, operator platform/cab



Cab, right mudguard, top



Detach panel

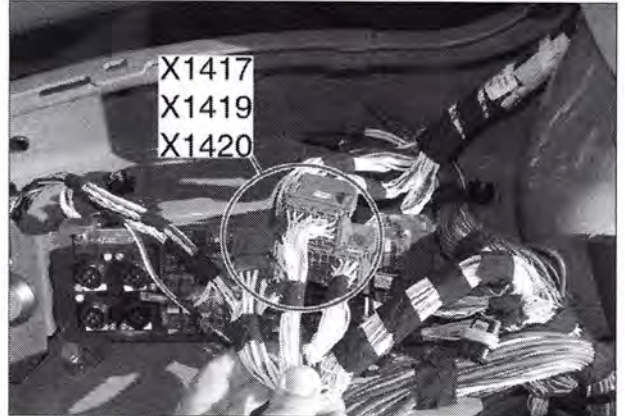


Fig. 207.

1001203

- X1418** - Cable coupling, operator platform/transmission



Right entrance step



Fig. 208.

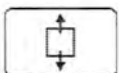
1001236

- X1419** - Cab cable coupling

- X1420** - Cab cable coupling



Cab, right mudguard, top



Detach panel



Fig. 209.

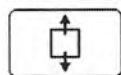
1001203

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

X1421 - Cable coupling, operator platform



Cab, right mudguard, bottom rear



Detach panel



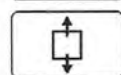
Fig. 210.

I001255

X1422 - Cable coupling, mudguard



Cab, left mudguard, bottom rear



Detach panel



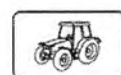
Fig. 211.

I001257

X1423 - Cable coupling, operator platform/transmission

X1424 - Cable coupling, operator platform

X1425 - Cable coupling, operator platform



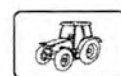
Right entrance step



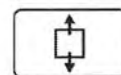
Fig. 212.

I001237

X1436 - Cable coupling, tractor bonnet (drive light, cornerlight)



Right side of engine, next to engine control unit



Open bonnet.



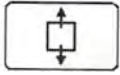
Fig. 213.

I001260

X1440 - Fuse holder



Cab, right mudguard, top



Detach cover

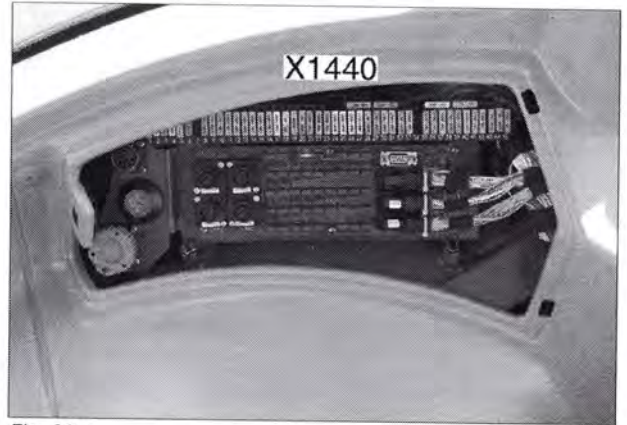
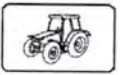


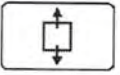
Fig. 214.

1001206

X1461 - Connector, sensor system earth (left mudguard)



Rear mudguard, right



Detach cover panel

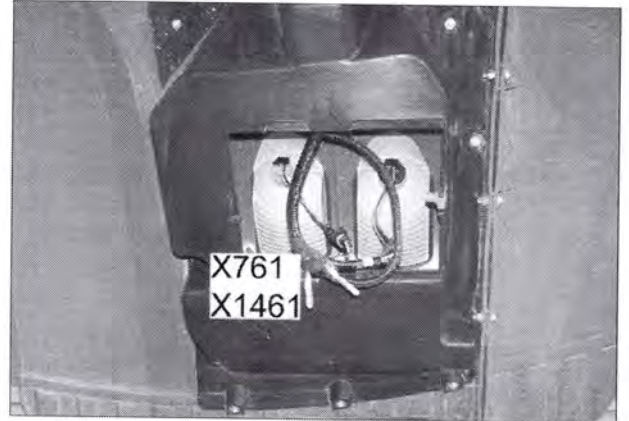
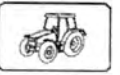


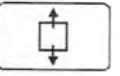
Fig. 215.

1001269

X1462 - Connector, sensor system earth (right mudguard)



Rear mudguard, left



Detach cover panel

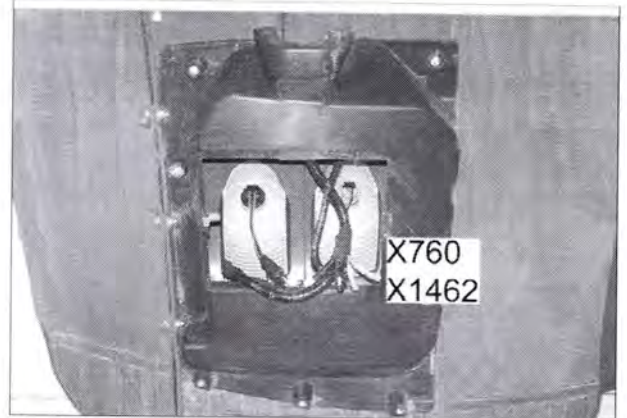


Fig. 216.

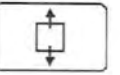
1001270

X1463 - Connector, G bus_High

X1464 - Connector, G bus_Low



Right side of tractor, next to fuel tank, right



Detach right rear wheel and panel

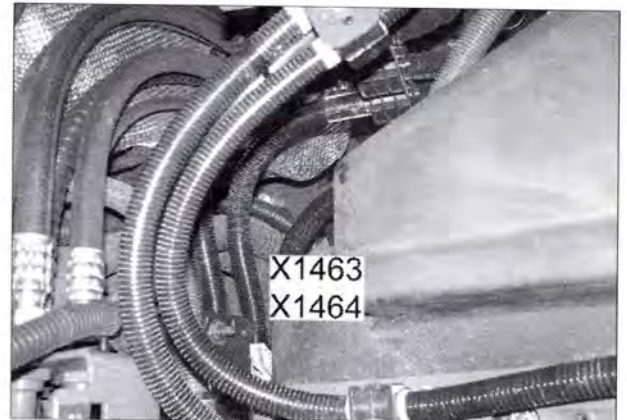


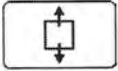
Fig. 217.

1001290

X1466 - Separation point on A051



Engine control unit



Open bonnet.

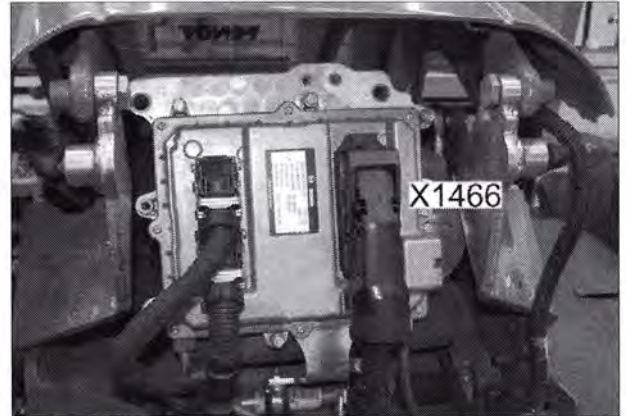


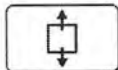
Fig. 218.

1001259

X1525 - Connector, sensor + UB (from instrument panel)



Right side of tractor, next to transmission oil filter



Detach protective guard and cap

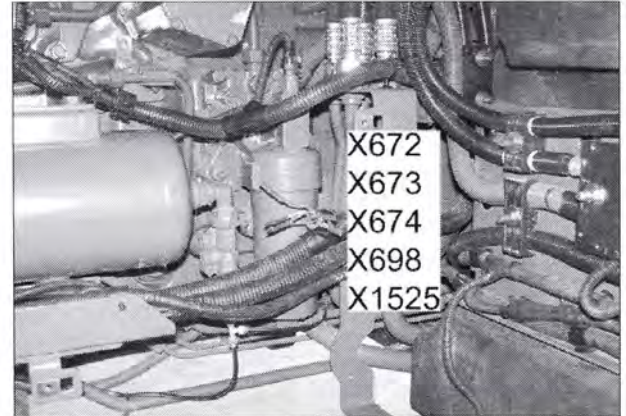


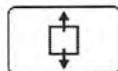
Fig. 219.

1001276

X1528 - Connector, sensor system supply



Cab, right mudguard, bottom



Detach panel and floor mat

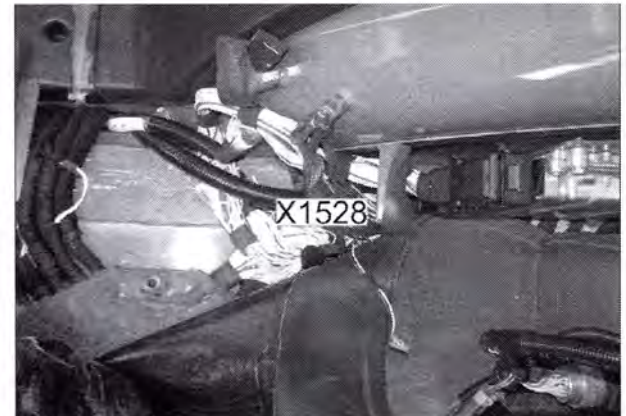
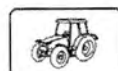


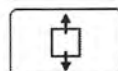
Fig. 220.

1001291

X1532 - Separation point on B077



On left side of engine



Open bonnet.

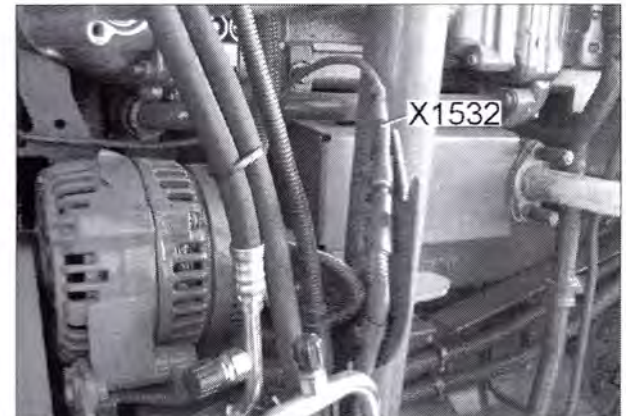


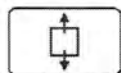
Fig. 221.

1008326

X1539 - ISO bus diagnostics socket



Cab, right mudguard, top



Detach cover



Fig. 222.

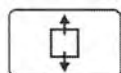
1001209

X1565 - Connector, position light

X1578 - Connector, + UB 15



Cab, right mudguard, top



Detach panel



Fig. 223.

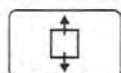
1001204

X1586 - V bus cable coupling (Auto-Guide)

X1587 - Cable coupling, Y087



Right side of transmission.



Detach right rear wheel and panel

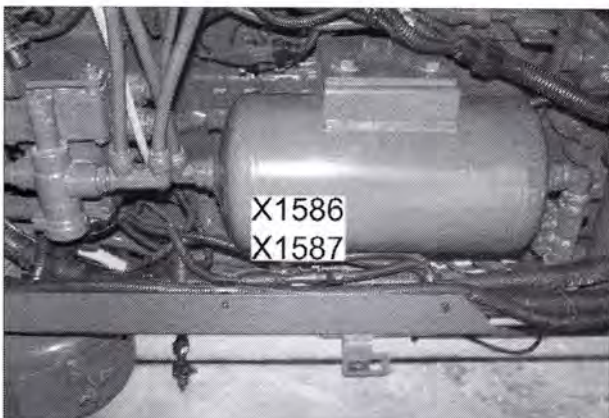


Fig. 224.

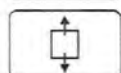
1001298

X1590 - Separation point on S079

X1591 - Separation point on S079



Cab, left side of steering column



Detach panel



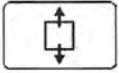
Fig. 225.

1008327

X1597 - Cable coupling A059



Cab, right mudguard, top



Detach panel



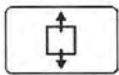
Fig. 226.

1001220

X1600 - Cable coupling, to rear work lights (roof)



Below cab, on left



Detach housing from cab air filter

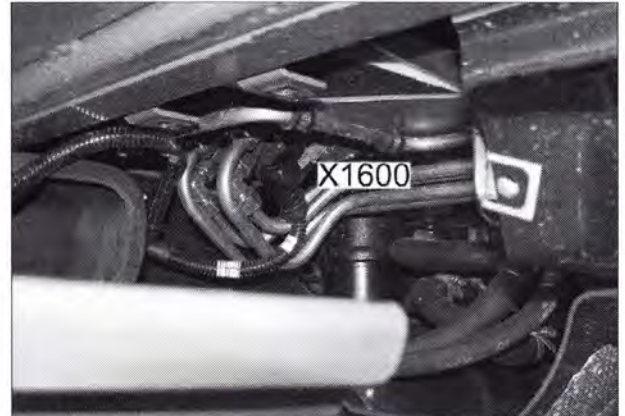


Fig. 227.

1001292

X1611 - Separation point on X400 PCB, ISO (bus terminal)

X1612 - Separation point on X400 PCB, ISO (bus terminal)



Rear of tractor, right

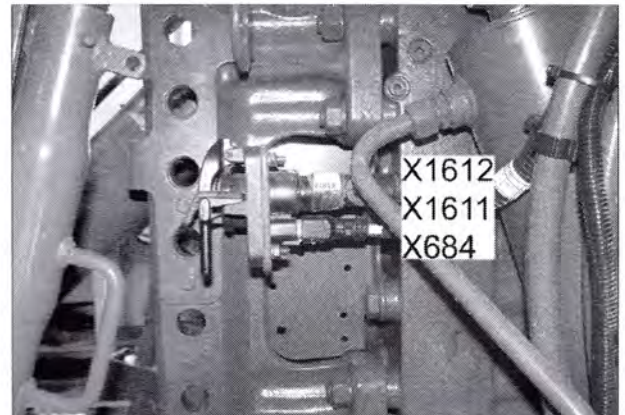


Fig. 228.

1001280

X1624 - Cable coupling to front position lights



Right side of cab, front



Fig. 229.

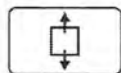
1001252

X1633 - Separation point, Auto-Guide TopDock

NOTE: Tractor without Auto-Guide



Cab, front right loudspeaker



Detach front right loudspeaker



Fig. 230.

1001293

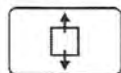
X1633 - Separation point, Auto-Guide TopDock

NOTE: Tractor with Auto-Guide

The connector **X1633** - Separation point, Auto-Guide TopDock is disconnected and both **X4000** - Separation point on X1633_P and **X4001** - Separation point on X1633_S connectors are connected accordingly



Cab, front right loudspeaker



Detach front right loudspeaker

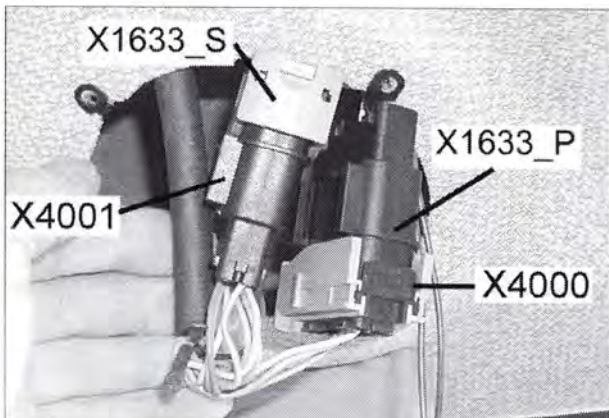


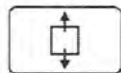
Fig. 231.

1008243

X1634 - Connector (+ UB 30)



Cab, right mudguard, top



Detach panel



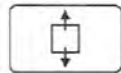
Fig. 232.

1001204

X1635 - Cable coupling, operator platform



Cab, right mudguard, bottom



Detach panel



Fig. 233.

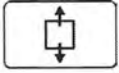
1001222

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

X1636 - Vario-Doc cable coupling



Cab, right mudguard, bottom



Detach panel

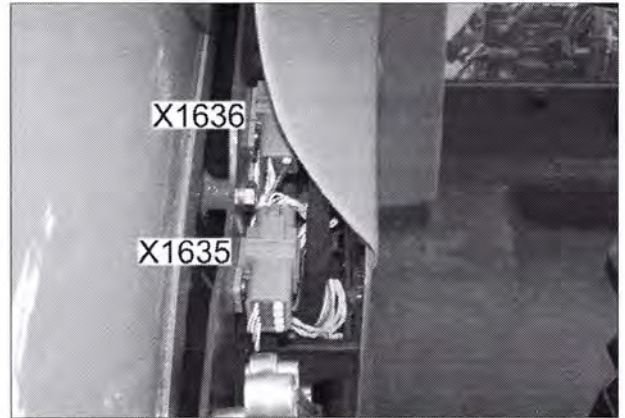


Fig. 234.

I001302

X1637 - Connector, ISO bus_Low (A055 Vario-Doc)

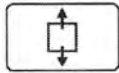
X1638 - Connector, ISO bus_High (A055 Vario-Doc)

X1639 - Connector, K bus_High

X1640 - Connector, K bus_Low



Cab, right mudguard, bottom



Detach panel



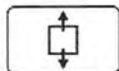
Fig. 235.

I003190

X1648 - Separation point on K065



Right side of engine



Open bonnet.

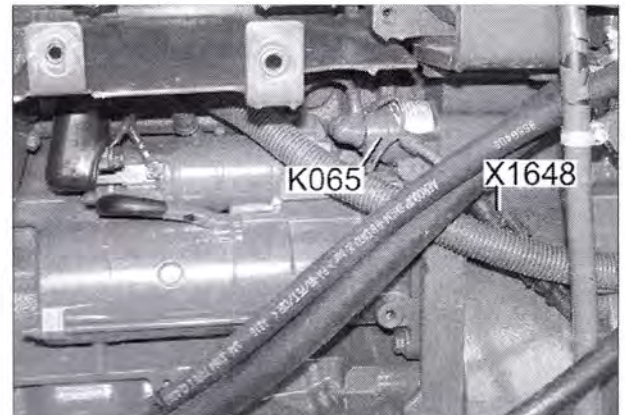


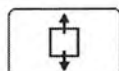
Fig. 236.

I001194

X1649 - Separation point, 10 amp socket



Cab, right mudguard, bottom



Detach panel

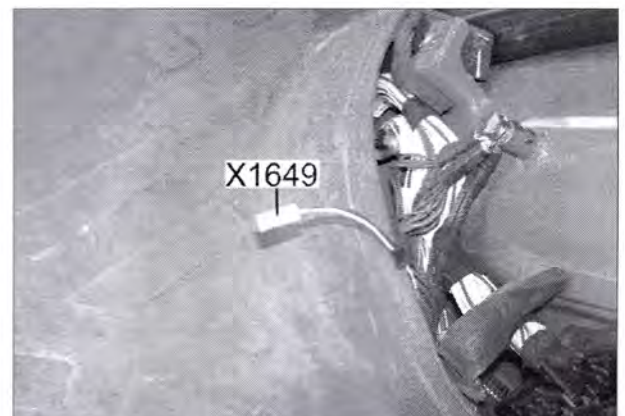


Fig. 237.

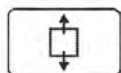
I001221

X1669 - Separation point on U002

X1670 - Separation point on U002



Cab, glued to inside of roof.



Remove roof lining.

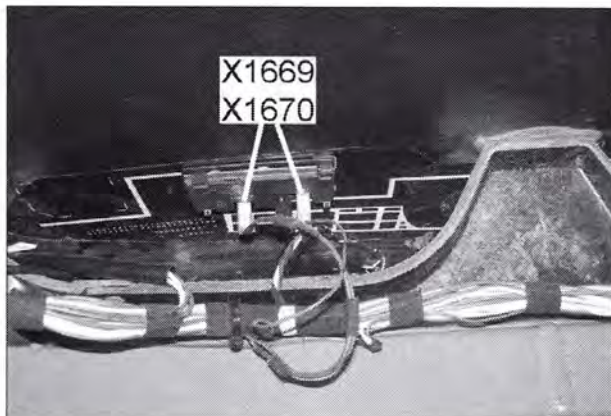


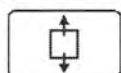
Fig. 238.

1002490

X1673 - Cylinder head cable coupling (injectors)



On left side of engine



Open bonnet.



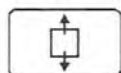
Fig. 239.

1004022

X1674 - Separation point on Y094



Left side of engine, beside exhaust gas recirculation.



Open bonnet.

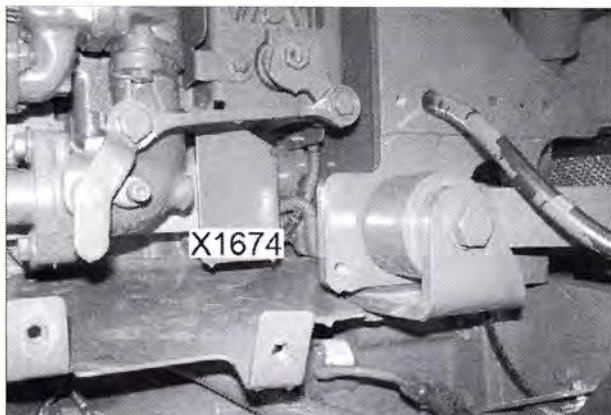


Fig. 240.

1001848

X1675 - Connector, earth

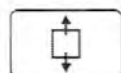
X1676 - Connector + UB 12 VDC



Engine wiring harness between cab and engine bulkhead

Distance from connector X1671 to X1675
 => 480mm

Distance from connector X1671 to X1676
 => 730mm



Open bonnet.



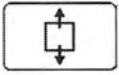
Fig. 241.

EK106805
 1003560

X1677 cable coupling EDC



On left side of engine



Open bonnet.

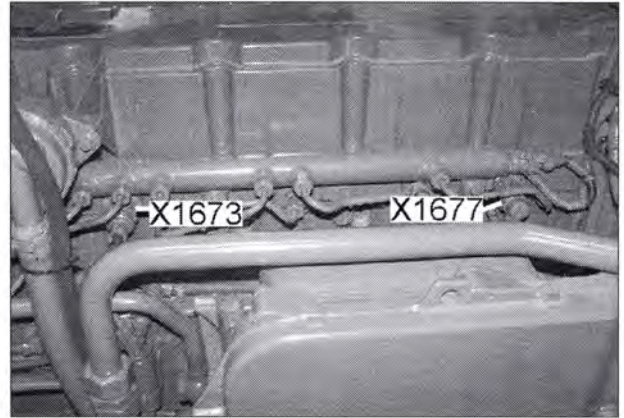


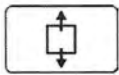
Fig. 242.

1004022

X1678 - Connector, front work light



Cab, right mudguard, bottom



Detach panel



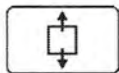
Fig. 243.

1001294

X1681 - Cable coupling, E051



Cab, front right loudspeaker



Detach front right loudspeaker



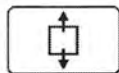
Fig. 244.

1001295

X1682 - Cable coupling, E050



Cab, front left loudspeaker



Detach front left loudspeaker



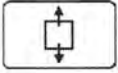
Fig. 245.

1001296

X1683 - Cable coupling, camera socket



Cab, right mudguard, top



Detach panel

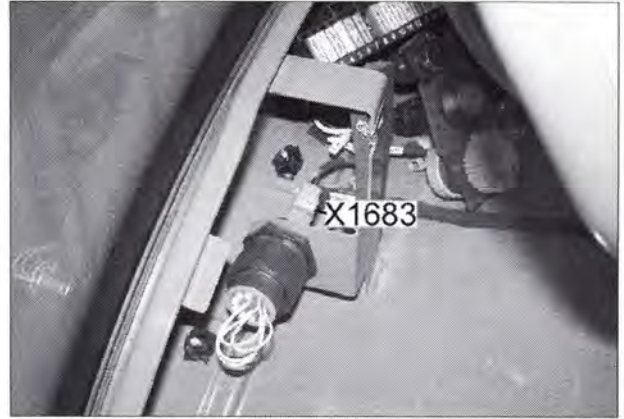


Fig. 246.

1001297

X1729 - Connector, ISO bus_Low

X1730 - Connector, ISO bus_Low

X1731 - Connector, ISO bus_High

X1734 - Connector, ISO bus_High

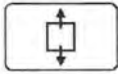
X1735 - Connector, earth (Auto-Guide)

X1740 - Connector, Auto-Guide (+UB 15)

X1742 - Connector, Auto-Guide (+UB 30)



Cab, right mudguard, top



Detach panel

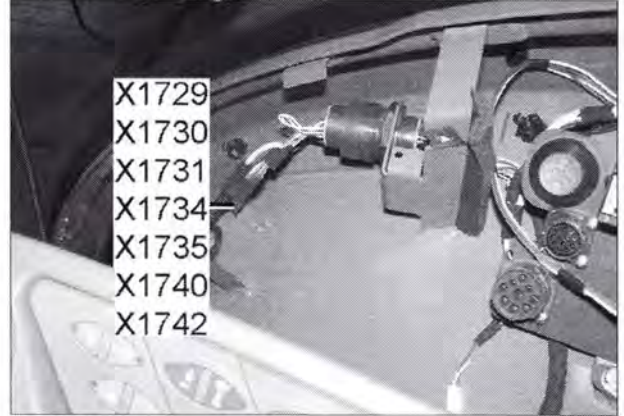


Fig. 247.

1003189

X1751 - Separation point, left frame earth point

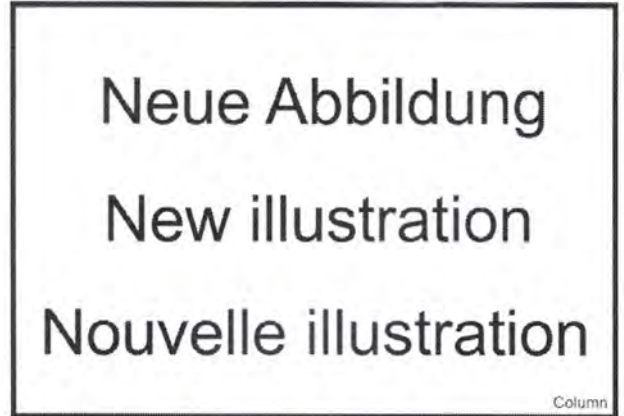
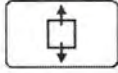


Fig. 248.

Column

1000001

X1767 - Separation point on radio to B050/B051

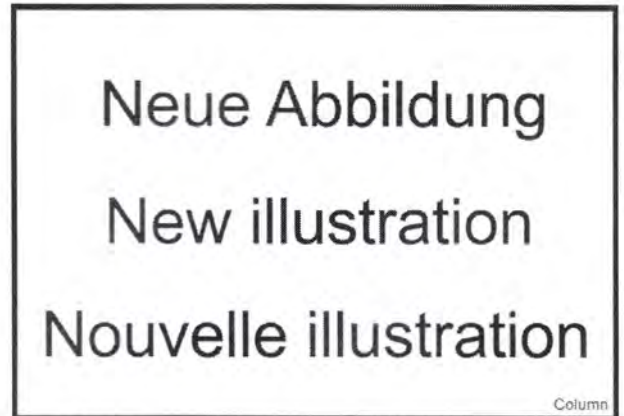
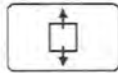


Fig. 249.

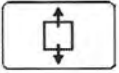
Column

1000001

X1787 - Connector, + UB 15



Cab, steering column



Detach panel

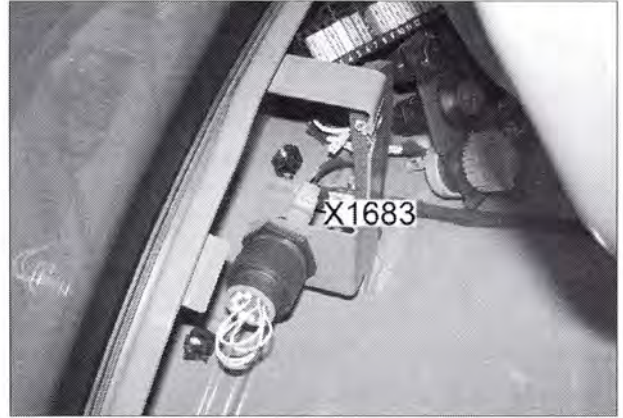


Fig. 250.

1001297

X1802 - Separation point on E116 / E117

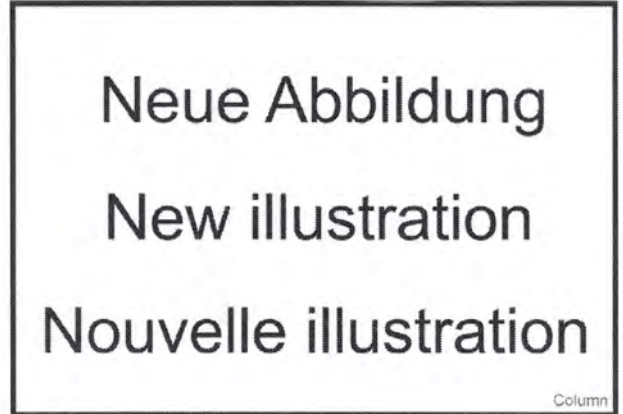
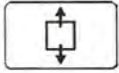


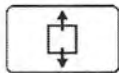
Fig. 251.

Column
1000001

X1806 - +UB 30 distributor



Right side of tractor, on the right tank.



Detach panel



Fig. 252.

1008245

X4002 - Auto-Guide diagnostics socket



Cab roof compartment

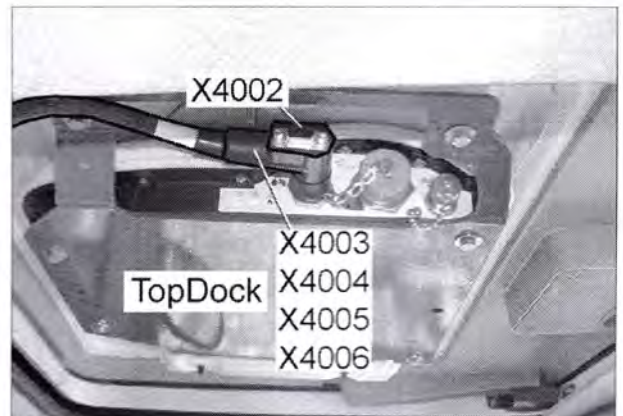


Fig. 253.

1008244

- X4003** - Connector, ISO bus_Low
- X4004** - Connector, ISO bus_High
- X4005** - Connector, V bus_Low
- X4006** - Connector, V bus_High

NOTE: The connectors are not routed outwards, but are cast in the plastic casing



Cab roof compartment

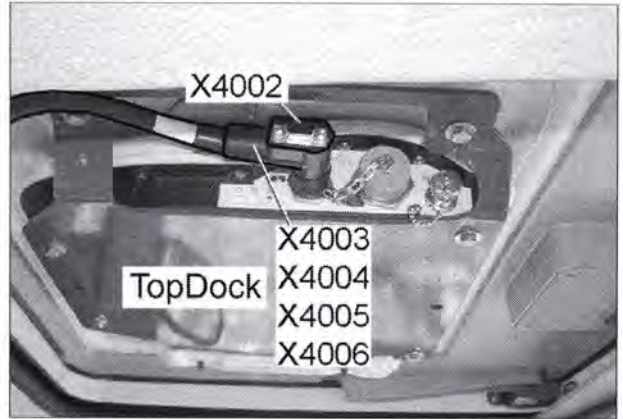


Fig. 254.

1008244

X4007 - Earth pin, operator platform

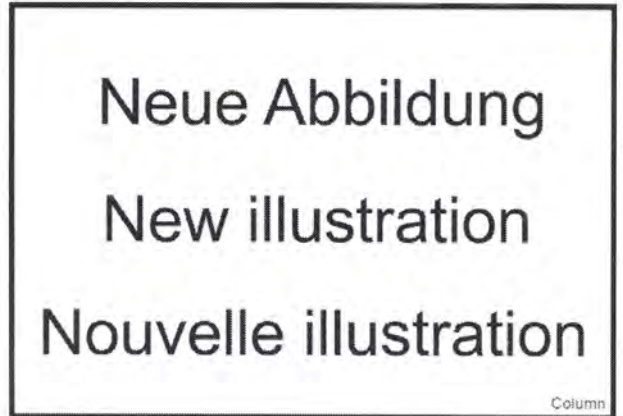
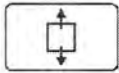


Fig. 255.

Column

1000001

X4024 - Connector, earth E020

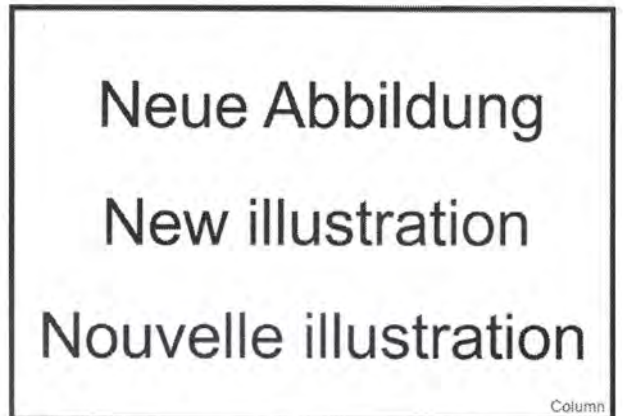
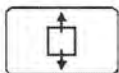


Fig. 256.

Column

1000001

X4091 - Connector, +UB 15 on A078

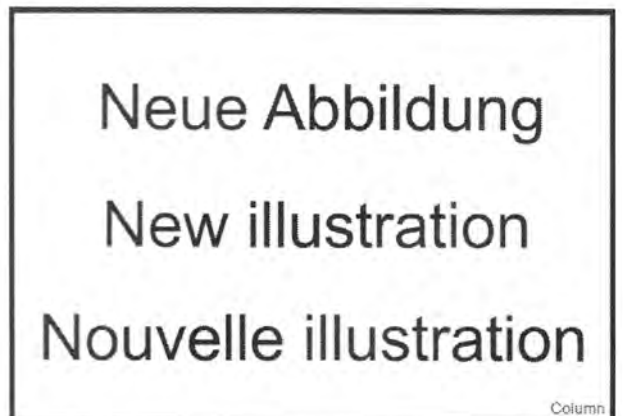
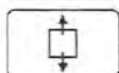


Fig. 257.

Column

1000001

X5028 - Connector, cab earth pin

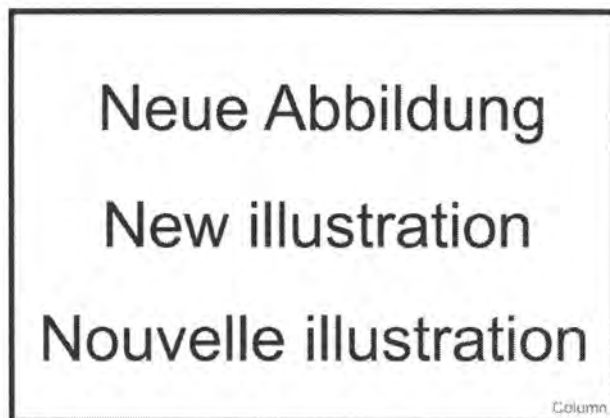
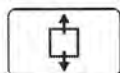


Fig. 258.

Column

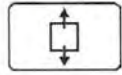
1000001

11 Electrical/electronic components - Y

- Y002** - Solenoid valve, travel range I
- Y003** - Solenoid valve, travel range II
- Y004** - Solenoid valve, turbo-clutch
- Y005** - Solenoid valve, speed governor



Right side of transmission, transmission valve block



Detach right rear wheel and panel

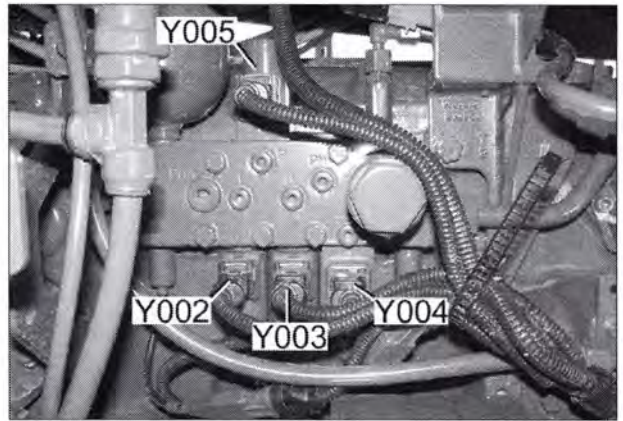


Fig. 259.

I001161

- Y006** - Solenoid valve, engine brake



At top in engine compartment, left side of engine

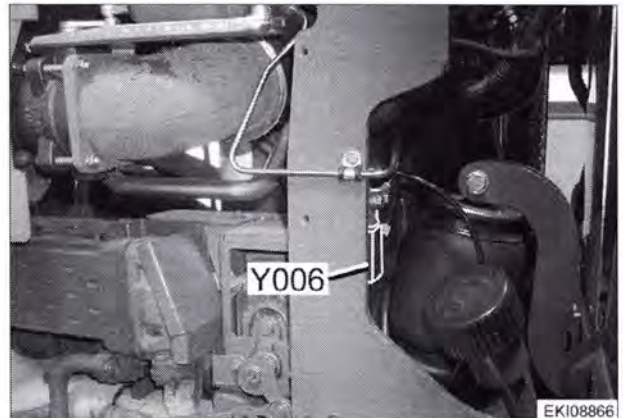


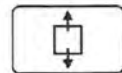
Fig. 260.

EK108866
I003264

- Y008** - Solenoid valve, rear PTO (clutch)
- Y009** - Solenoid valve, 4WD
- Y010** - Solenoid valve, differential lock



Rear axle housing at top, below cab



Detach left rear wheel



Fig. 261.

I001168

- Y011** - Front PTO solenoid valve (clutch)



Right front PTO housing



Fig. 262.

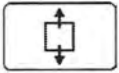
I001162

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

Y012 - Oil pre-heater/load suspension solenoid valve



Right side of tractor, central valve block



Detach panel

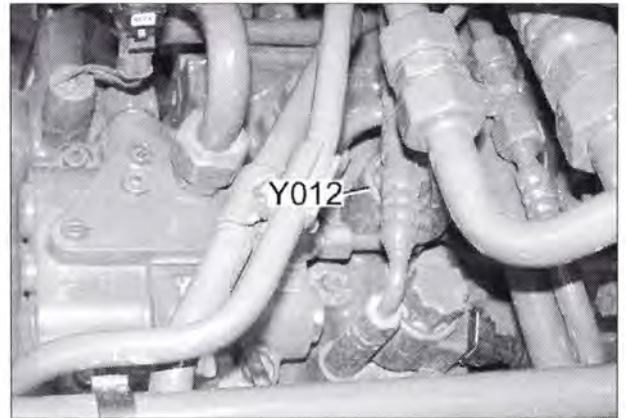
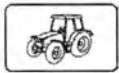


Fig. 263.

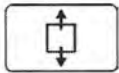
I001173

Y021 - Lifting solenoid valve (standard front power lift)

Y022 - Lowering solenoid valve (standard front power lift)



Right side of tractor, central valve block



Detach panel

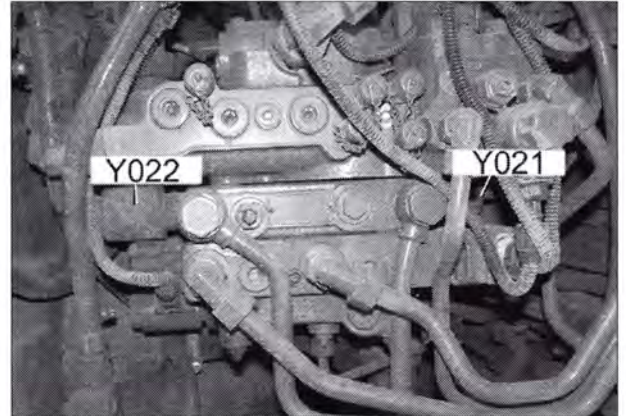


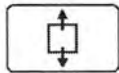
Fig. 264.

I001714

Y021 - Front pressure compensator lock valve front power lift enhanced control



Right side of tractor, central valve block



Detach panel

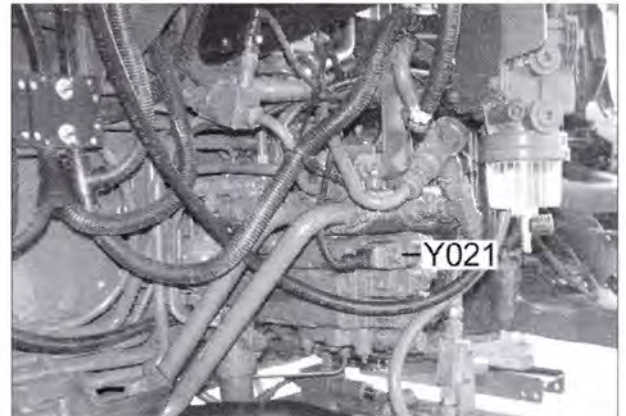


Fig. 265.

I001715

Y022 - Field pressure control solenoid valve (front), front power lift enhanced control



Right side of engine

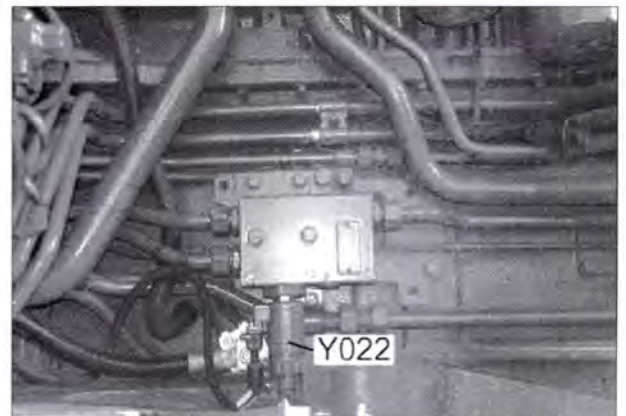


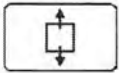
Fig. 266.

I001716

Y024 - Magnetic clutch, air conditioning compressor



On left side of engine



Open bonnet.

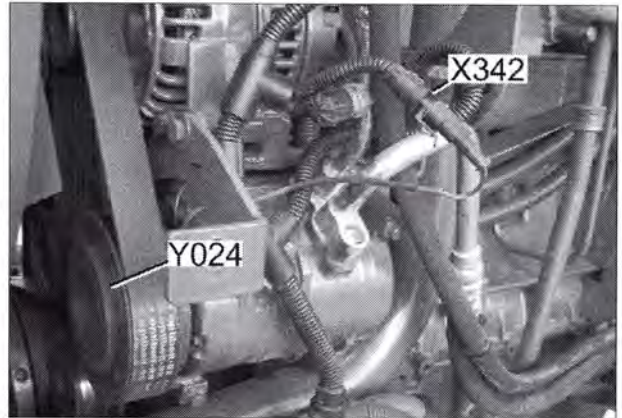


Fig. 267.

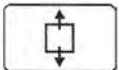
1001163

Y026 - Solenoid valve, rear PTO, stage I

Y027 - Solenoid valve, rear PTO, stage II



Rear axle housing at top, below cab



Detach left rear wheel



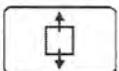
Fig. 268.

1001168

Y032 - Control pressure solenoid valve



Right side of tractor, central valve block



Detach panel

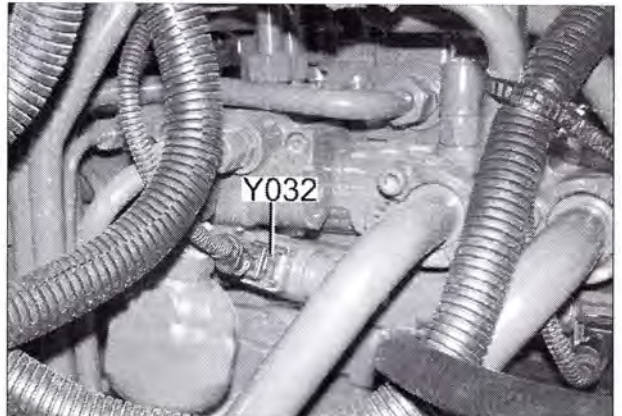


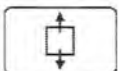
Fig. 269.

1001174

Y053 - Active hold function solenoid valve



Right side of transmission.



Detach right rear wheel and panel

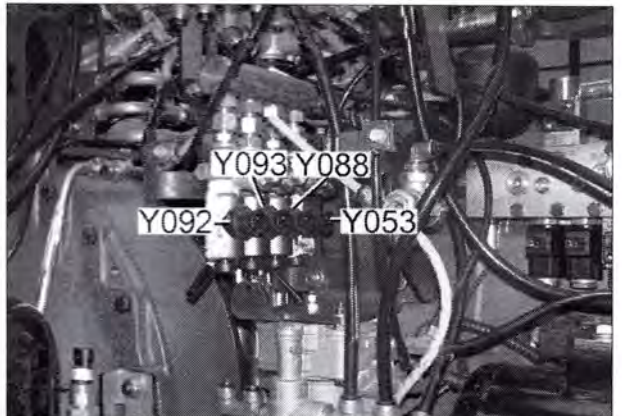
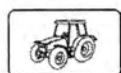


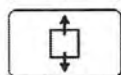
Fig. 270.

1001303

Y055 - Rear pressure compensator lock valve



Rear of tractor, rear valve block



Detach cover panel

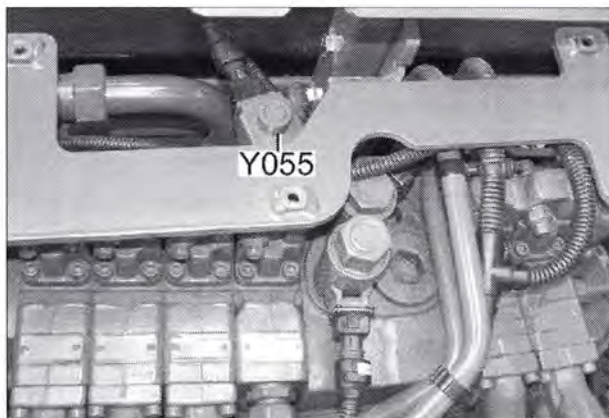
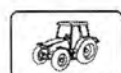


Fig. 271.

I001175

Y060 - Hydraulic oil pre-heater solenoid valve (rear)



Rear of tractor, rear valve block

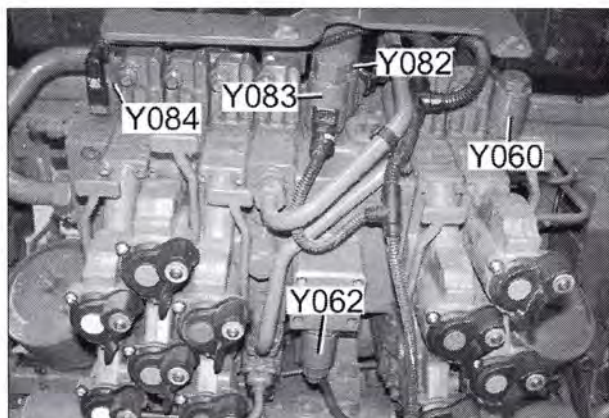
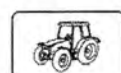


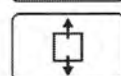
Fig. 272.

I001169

Y061 - hydraulic oil pre-heater solenoid valve (middle)



Right side of tractor, central valve block



Detach panel

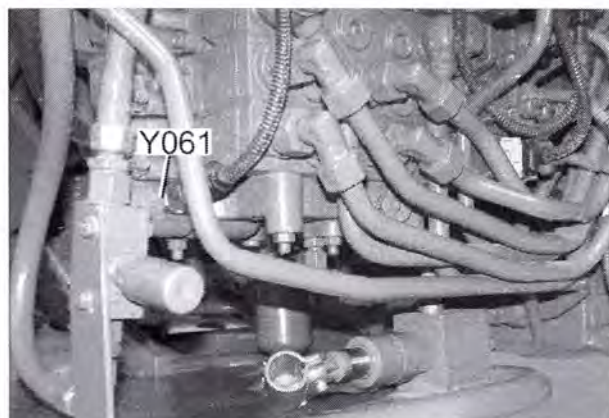
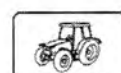


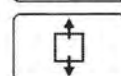
Fig. 273.

I001176

Y062 - Solenoid valve, field pressure control (rear)



Rear of tractor, rear valve block



Detach cover

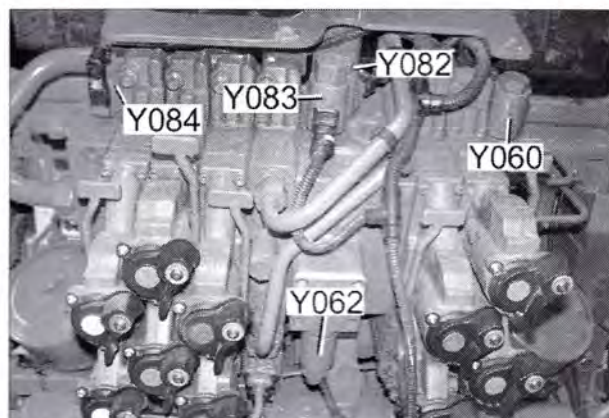


Fig. 274.

I001169

Y063 - Wobble stabiliser solenoid valve



Left side of tractor, behind left fuel tank.

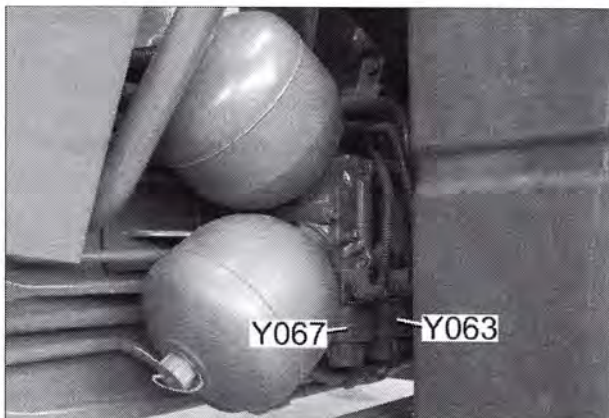


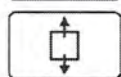
Fig. 275.

1001177

Y064 - Suspension load pressure/lowering solenoid valve



Right side of tractor, central valve block



Detach panel

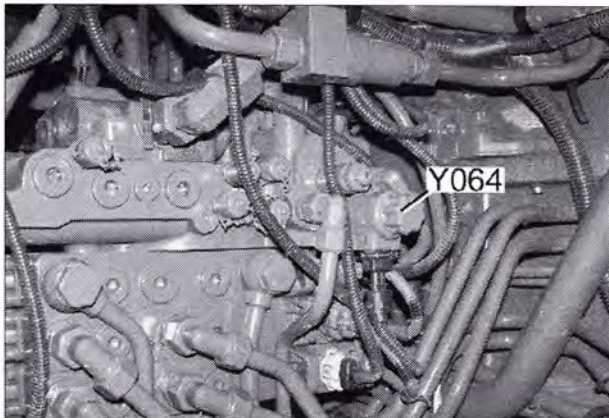


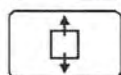
Fig. 276.

1001165

Y065 - Raise suspension solenoid valve



Right side of tractor, central valve block



Detach panel

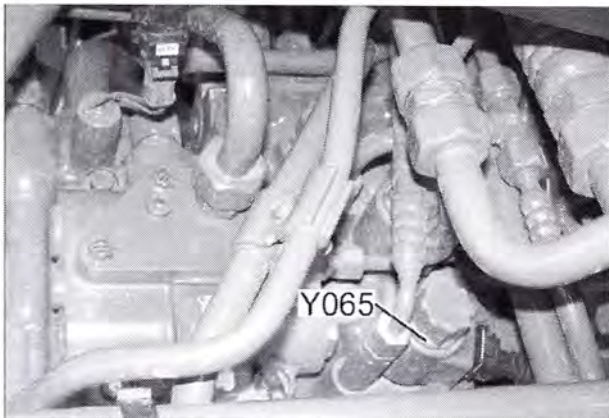


Fig. 277.

1001178

Y067 - Lock suspension solenoid valve



Left side of tractor, behind left fuel tank.

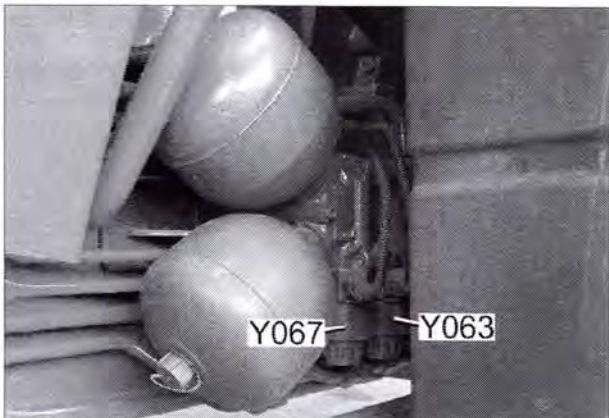


Fig. 278.

1001177

919 .. 0101-1000
 919 .. 1001-
 922 .. 0101-1000
 922 .. 1001-
 925 .. 0101-1000

925 .. 1001-
 928 .. 0101-1000
 928 .. 1001-
 931 .. 0101-1000
 931 .. 1001-

934 .. 0101-1000
 934 .. 1001-

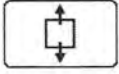
Y070 [FKH] - Cut-off valve, front power lift enhanced control

Y071 [2.1] - Auxiliary control valve (olive)

Y072 [2.2] - Auxiliary control valve (grey)



Right side of tractor, central valve block



Detach panel

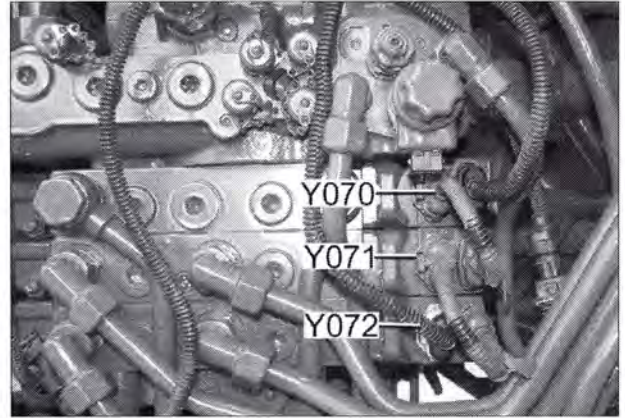


Fig. 279.

I001179

Y074 [1.1] - Auxiliary control valve (yellow)

Y075 [1.2] - Auxiliary control valve (blue)

Y076 [1.3] - Auxiliary control valve (red)

Y077 [HKH] - Cut-off valve, rear EPC

Y078 [1.4] - Auxiliary control valve (green)

Y079 [1.5] - Auxiliary control valve (brown)

Y080 [1.6] - Auxiliary control valve (violet)



Rear of tractor, rear valve block

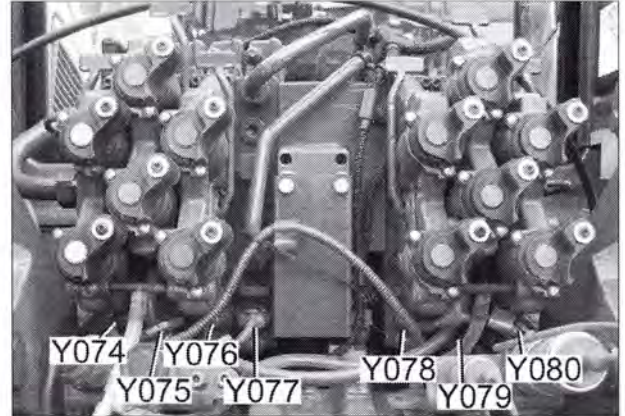


Fig. 280.

I001180

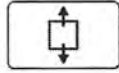
Y082 - Solenoid valve, lower link stabiliser, lock

Y083 - Solenoid valve, lower link stabiliser, release

Y084 - Solenoid valve, Power Beyond



Rear of tractor, rear valve block



Detach cover panel

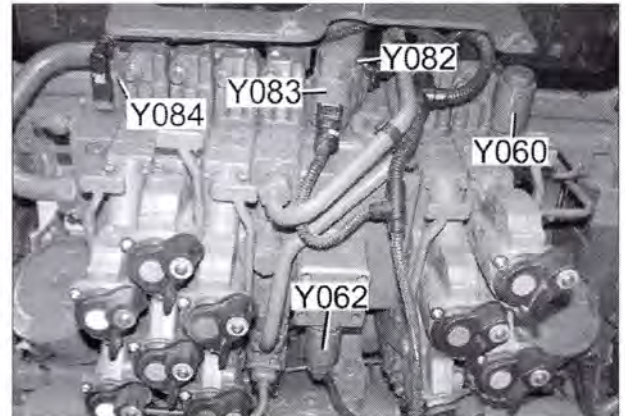


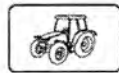
Fig. 281.

I001169

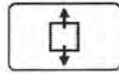
Y085 - Pilot pressure/switch-off solenoid valve (Auto-Guide)

Y086 - Solenoid valve, steering disconnect (Auto-Guide)

Y087 - Steering valve block, Auto-Guide



Right side of transmission.



Remove right rear wheel and panel.

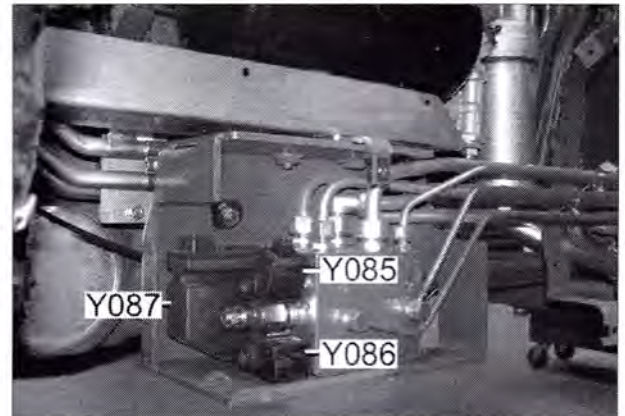


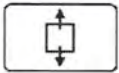
Fig. 282.

I001367

Y088 - Solenoid valve, release trailer brake



Right side of transmission



Detach right rear wheel and panel

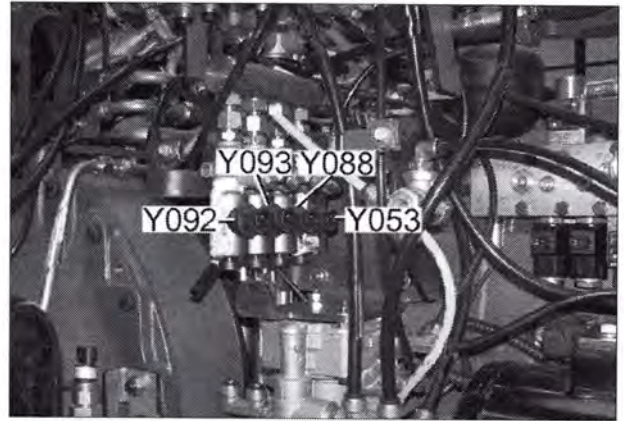


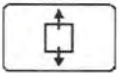
Fig. 283.

1001303

Y091 - Dispensing unit (fuel)



Right side of engine



Open bonnet.

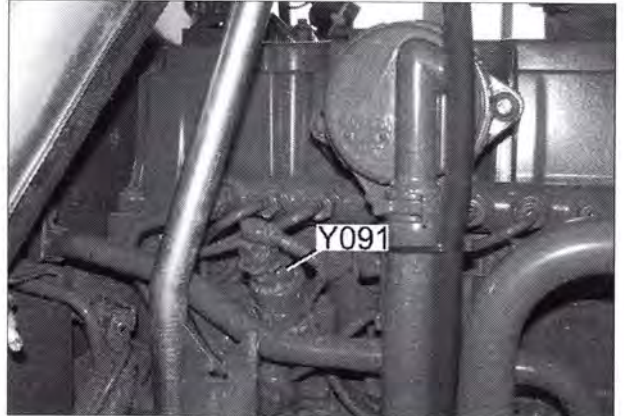


Fig. 284.

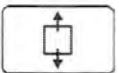
1001172

Y092 - Solenoid valve, reverse operation (RÜFA), rotate to left

Y093 - Solenoid valve, reverse operation (RÜFA), rotate to right



Right side of transmission.



Detach right rear wheel and panel

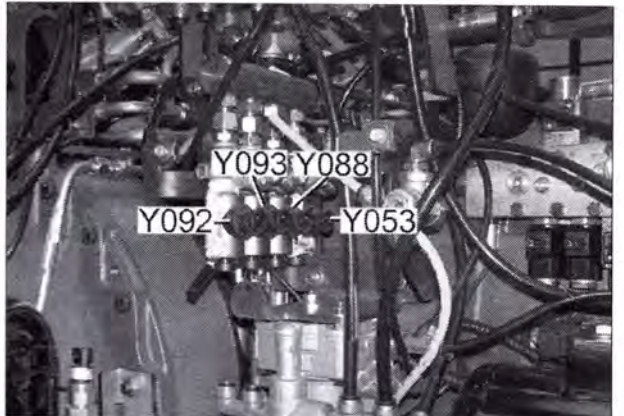


Fig. 285.

1001303

Y094 - Actuator unit, AGR (exhaust gas recirculation)



On the left of the engine

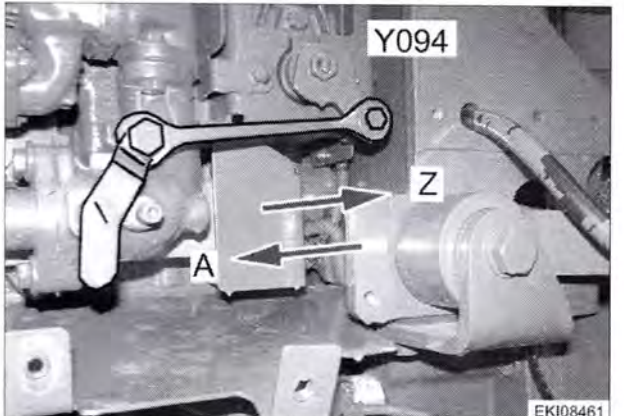


Fig. 286.

1001846

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

Y095 - Injector valve 1 (injector)

Y096 - Injector valve 2 (injector)

Y097 - Injector valve 3 (injector)

Y098 - Injector valve 4 (injector)

Y100 - Injector valve 5 (injector)

Y101 - Injector valve 6 (injector)



Fig. 287.

Column

1000001

12 Hydraulic components

APE - Entry plate with ext. Pressure supply



Rear valve block

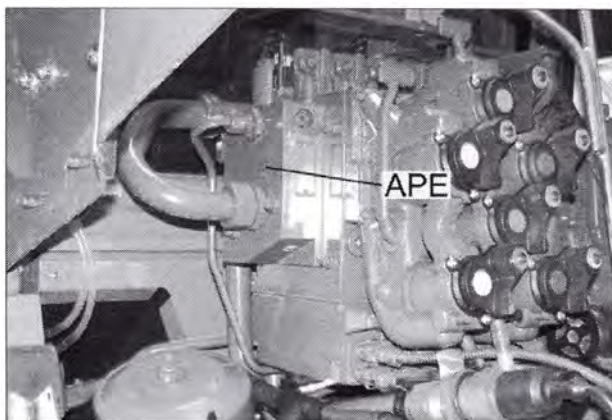
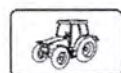


Fig. 288.

1000823

ASP1 - Accumulator, suspension 1

ASP2 - Accumulator, suspension 2



Left side of tractor, in VBF

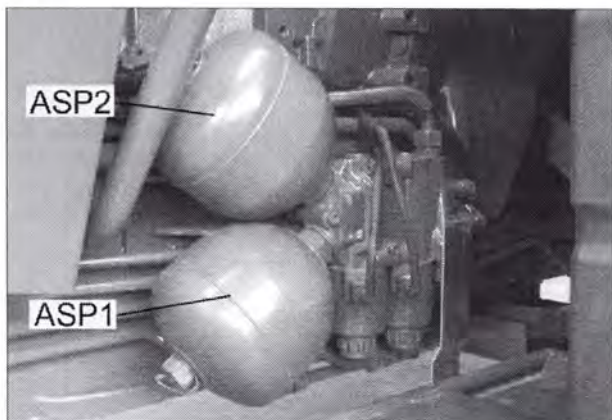


Fig. 289.

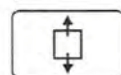
1000811

AVF1 - Lock valve, suspension 1

AVF2 - Lock valve, suspension 2



Right side of tractor, in ZSB



Detach panel

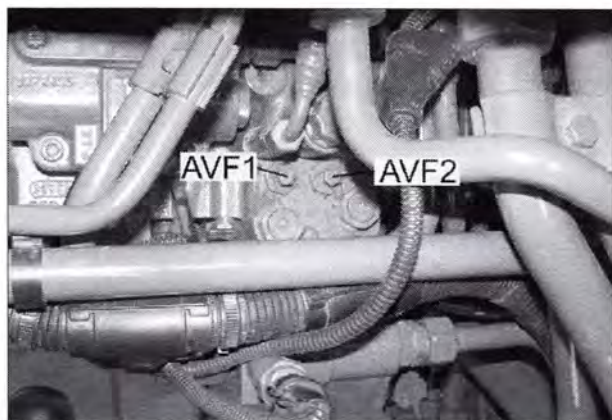


Fig. 290.

1000803

BF - Ventilation filter



Left side of tractor, in front of cab

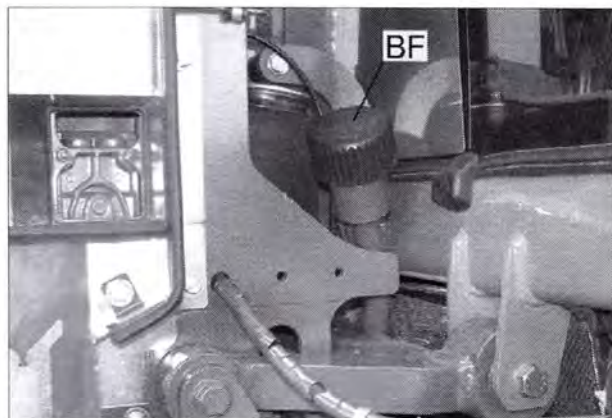


Fig. 291.

1000787

919 .. 0101-1000
 919 .. 1001-
 922 .. 0101-1000
 922 .. 1001-
 925 .. 0101-1000

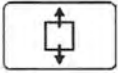
925 .. 1001-
 928 .. 0101-1000
 928 .. 1001-
 931 .. 0101-1000
 931 .. 1001-

934 .. 0101-1000
 934 .. 1001-

DBV1 - Main pressure-limiting valve



Right side of tractor, in ZSB



Detach panel

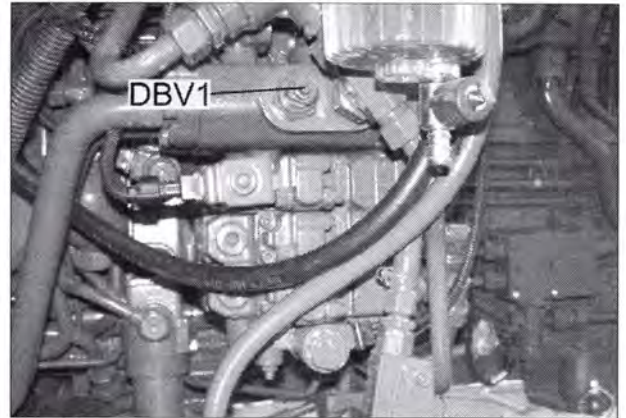


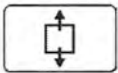
Fig. 292.

1000794

DBVF1 - Pressure-limiting valve, suspension 1



Right side of tractor, in ZSB



Detach panel

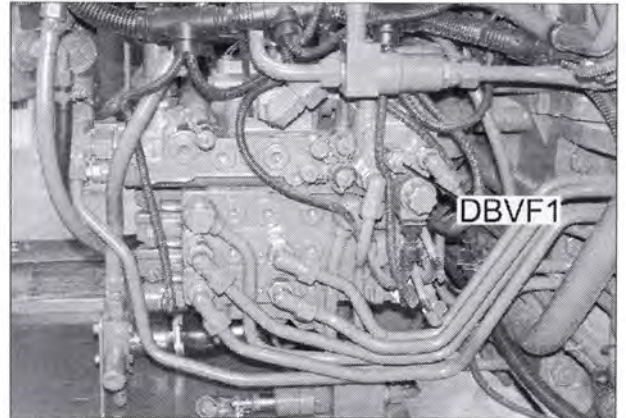


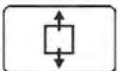
Fig. 293.

1000800

DBVF2 - Pressure-limiting valve, suspension 2



Left side of tractor, in VBF



Pull forward left fuel tank

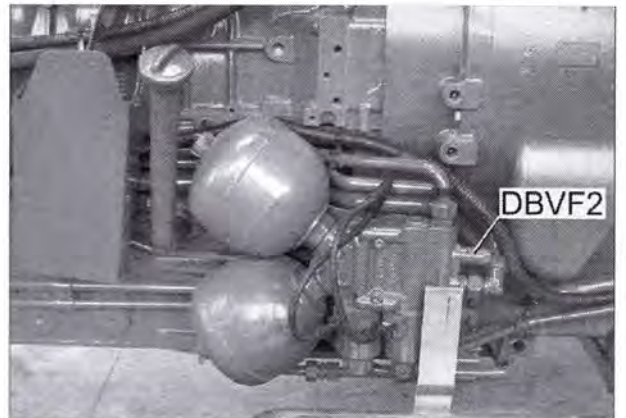


Fig. 294.

1000810

DBVKF [Y022] - Field pressure valve, DA front power lift enhanced control



Right side of tractor, on engine



Fig. 295.

1000841

DBVKH [Y062] - Field pressure valve, DA rear power lift



Rear valve block

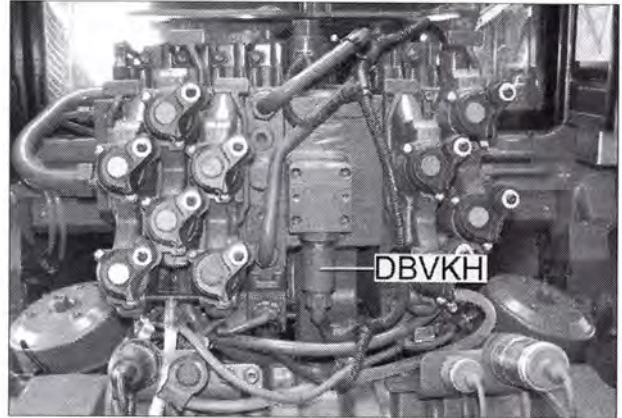


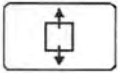
Fig. 296.

1000839

DBV-L - Pressure-limiting valve, 175 bar steering



Right side of tractor, in ZSB



Detach panel

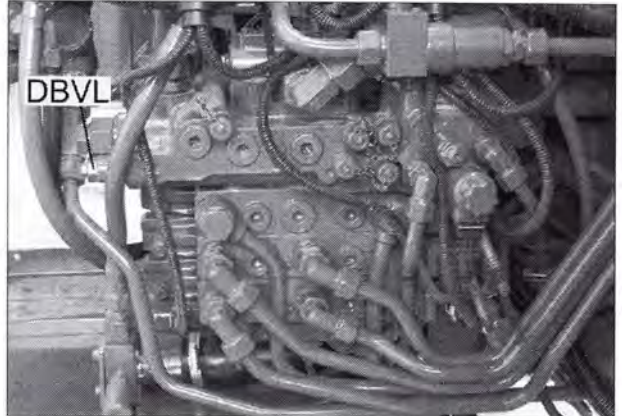


Fig. 297.

1000805

DFE - Pressure filter, external LS



Rear valve block, in APE

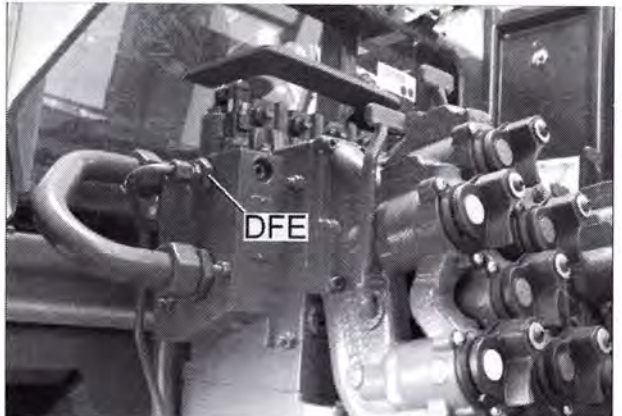


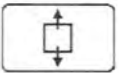
Fig. 298.

1000826

DFP - Pressure filter, pilot pressure



Right side of tractor, central valve block



Detach panel

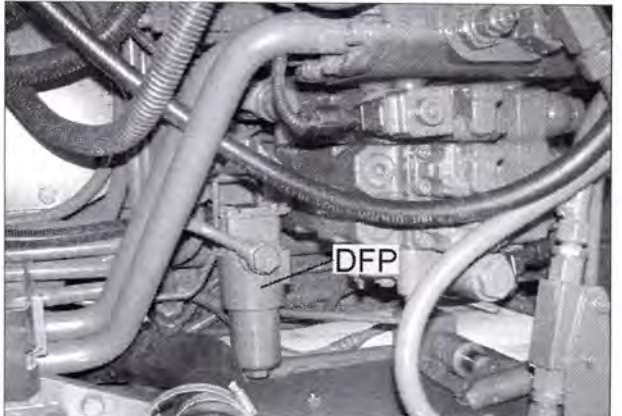


Fig. 299.

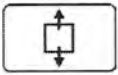
1000815

919 .. 0101-1000	925 .. 1001-	934 .. 0101-1000
919 .. 1001-	928 .. 0101-1000	934 .. 1001-
922 .. 0101-1000	928 .. 1001-	
922 .. 1001-	931 .. 0101-1000	
925 .. 0101-1000	931 .. 1001-	

DFWH - Flow monitor, auxiliary pump



Right side of tractor, central valve block



Detach panel

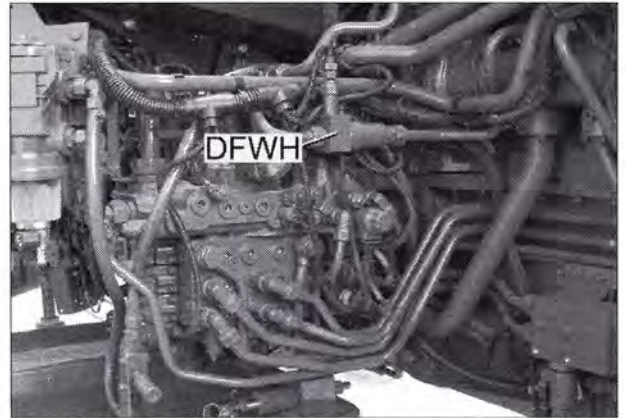


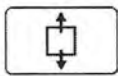
Fig. 300.

I000848

DFWN - Flow monitor, emergency steering pump



Right side of tractor, central valve block



Detach panel and right fuel tank

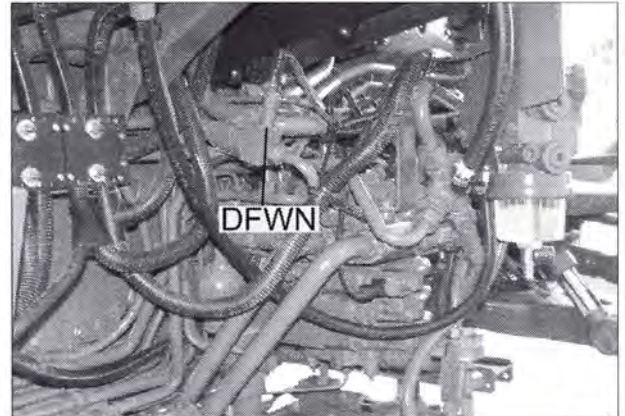


Fig. 301.

I000783

DRVE [Y084] - Pressure cut-off valve, Power Beyond



Rear valve block, in APE

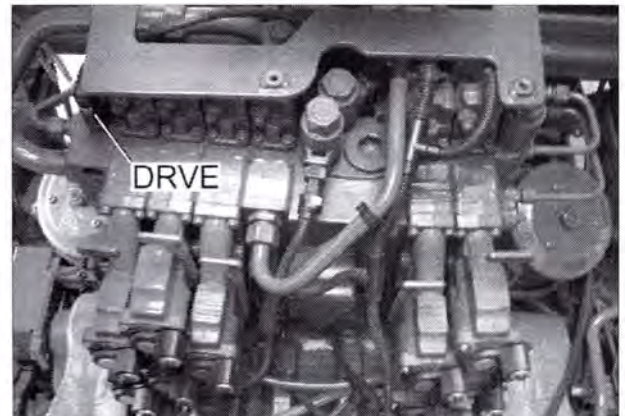


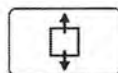
Fig. 302.

I000824

DRVF - Pressure-limiting valve, suspension



Right side of tractor, in ZSB



Detach panel

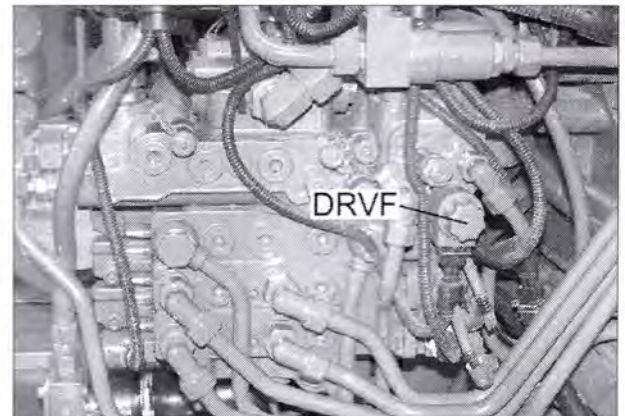


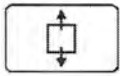
Fig. 303.

I000797

DRVP - Pressure cut-off valve, pilot pressure



Right side of tractor, in VBP



Detach panel and right fuel tank

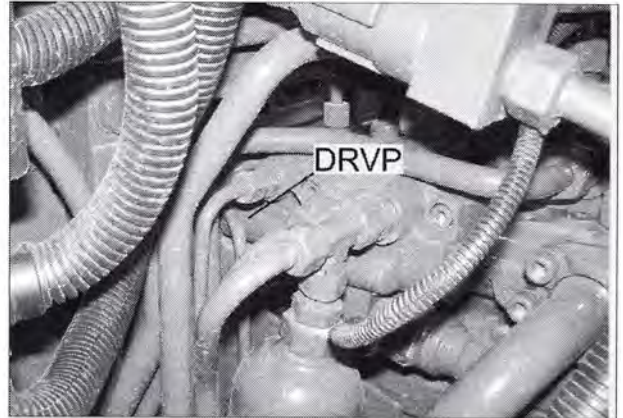


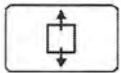
Fig. 304.

1000816

DS1 - Pressure switch, LS pump monitor



Right side of tractor, ZSB top



Detach panel

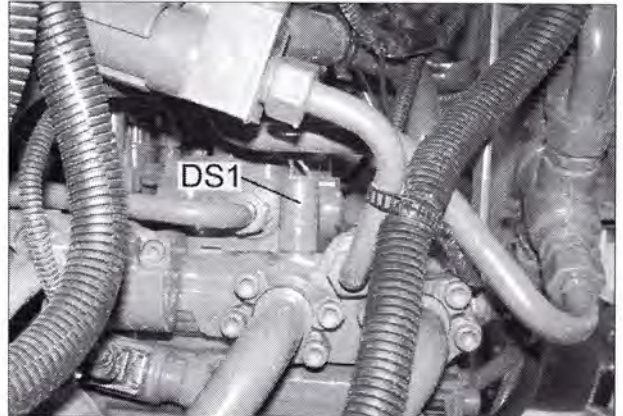


Fig. 305.

1000793

DSF [B063] - Pressure switch, filter monitor



Top clutch housing

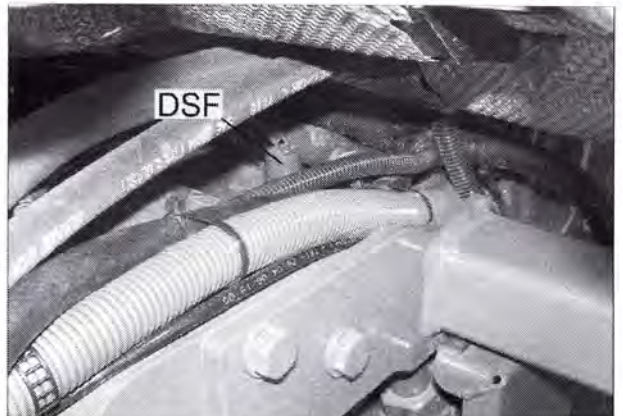


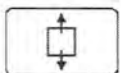
Fig. 306.

1000785

DWKF - Pressure compensator, front power lift, SA



Right side of tractor, standard front power lift valve.



Detach panel

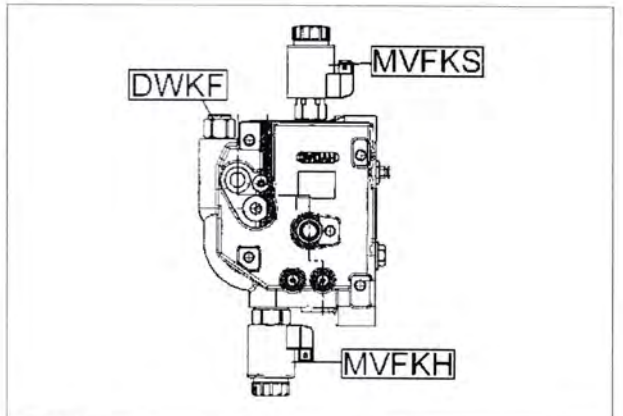


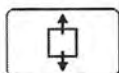
Fig. 307.

1001646

DWL - Pressure compensator, steering



Right side of tractor, in VBL



Detach panel

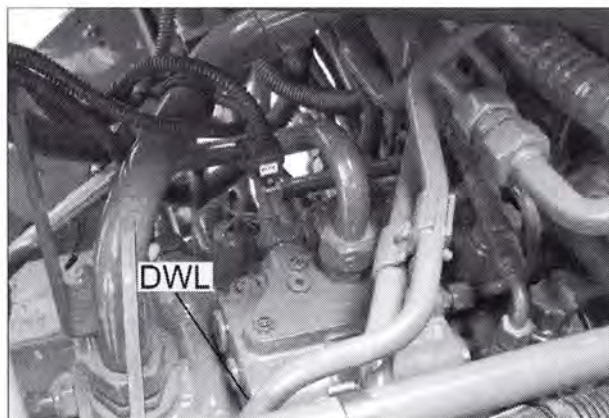


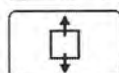
Fig. 308.

1000821

DWP - Pressure compensator, pilot pressure



Right side of tractor, in VBP



Detach panel and right fuel tank

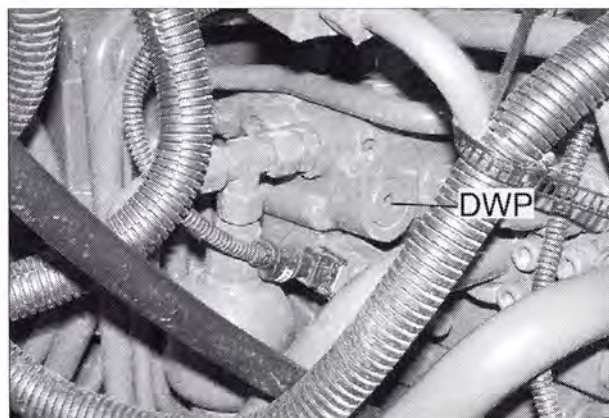
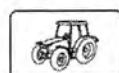


Fig. 309.

1000814

EPH - End plate, rear valve block



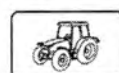
Rear valve block



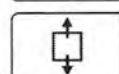
Fig. 310.

1000833

EPM - End plate, centre



Right side of tractor, central valve block



Detach panel

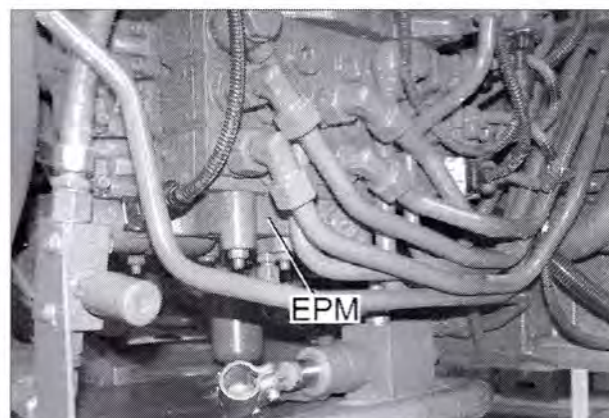


Fig. 311.

1000836

FSP - Front power lift accumulator



Left side of tractor, on the front axle

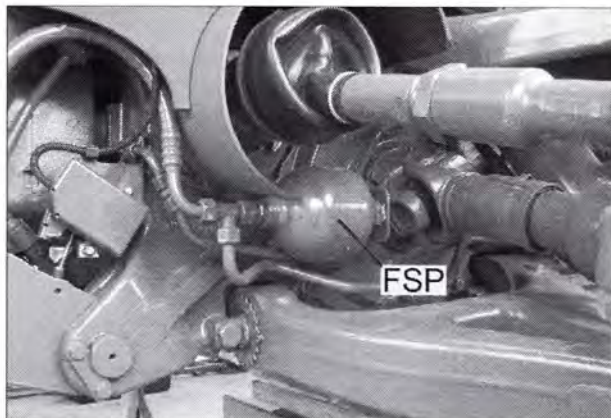


Fig. 312.

1000842

FSS [B084] - Level switch



Top clutch housing, left

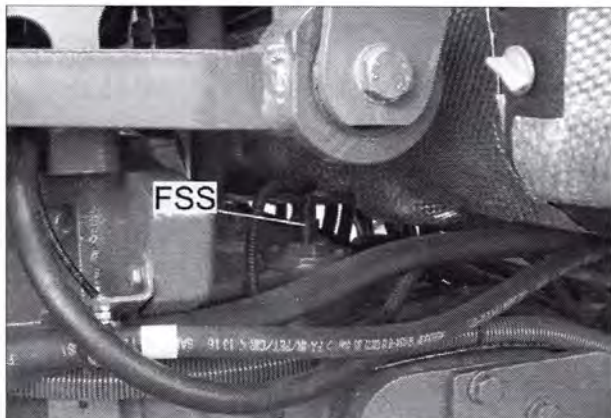


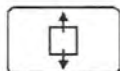
Fig. 313.

1000786

GDR - Silencer, LS pump



In clutch housing



Remove right rear wheel, right fuel tank and clutch housing hatch cover



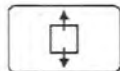
Fig. 314.

1000778

HP - Hand pump, pilot pressure – emergency supply



Right side of tractor, below central valve block



Detach panel

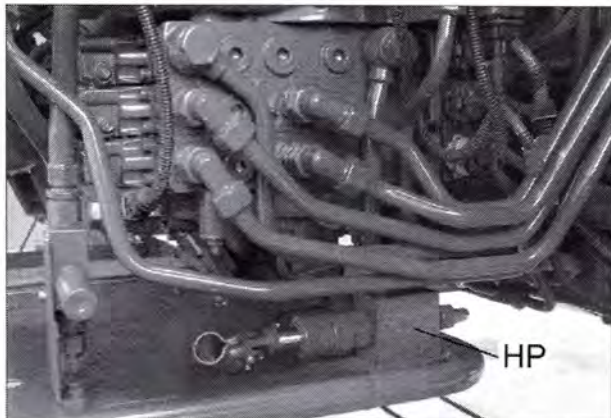


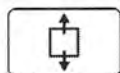
Fig. 315.

1000788

Hy.ABV - Hydraulic trailer brake



Right side of tractor, central valve block



Detach panel

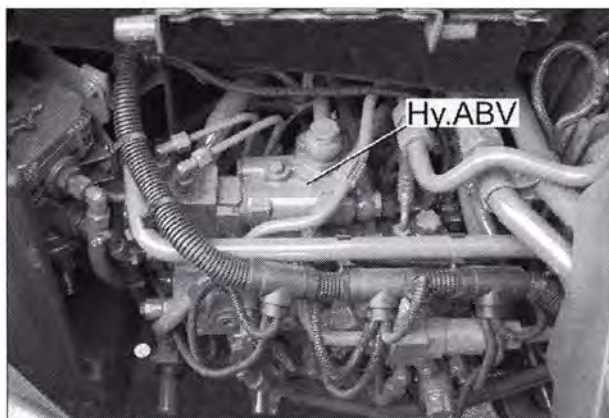
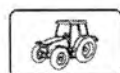


Fig. 316.

1000822

K - Hydraulic oil cooler



Front, below bonnet

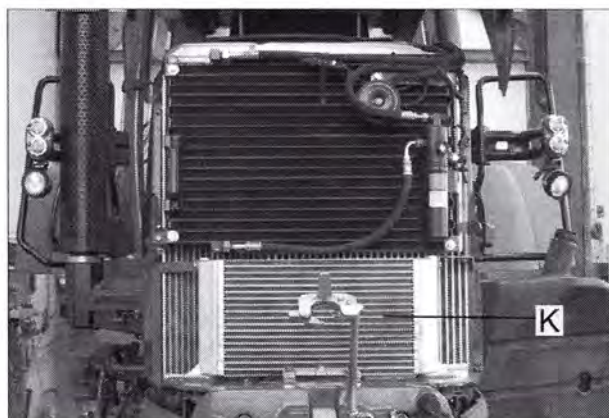
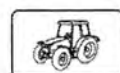


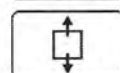
Fig. 317.

1000790

LE - Steering unit



Left side of tractor, by entrance step below cab



Detach cab air filter



Fig. 318.

1001018

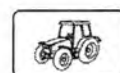
M1 - Measuring point, emergency pumps

M2 - Measuring point, auxiliary pumps

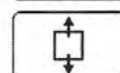
M3 - Measuring point, LS pump

M4 - Measuring point, LS pressure

M5 - Measuring point, control pressure



Right side of tractor, in ZSB



Detach panel

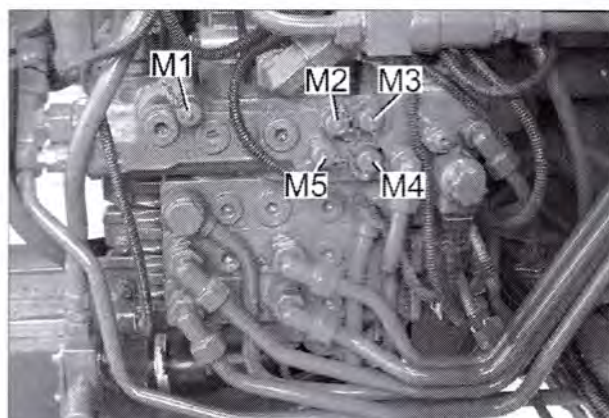


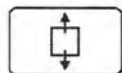
Fig. 319.

1001210

MVFF [Y067] - Solenoid valve, lock suspension



Left side of tractor, in VBF



Pull forward left fuel tank

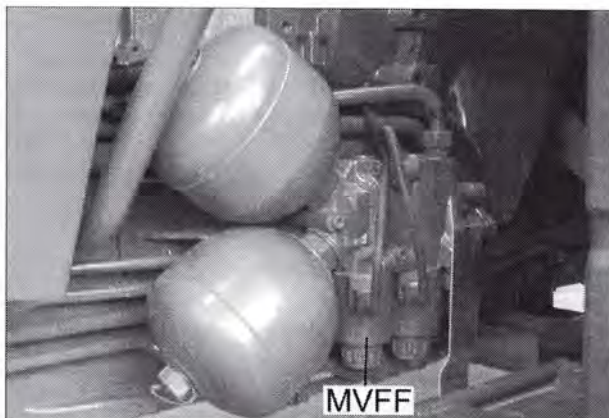


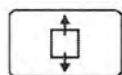
Fig. 320.

1000807

MVFH [Y065] - Solenoid valve, raise suspension



Right side of tractor, in ZSB



Detach panel

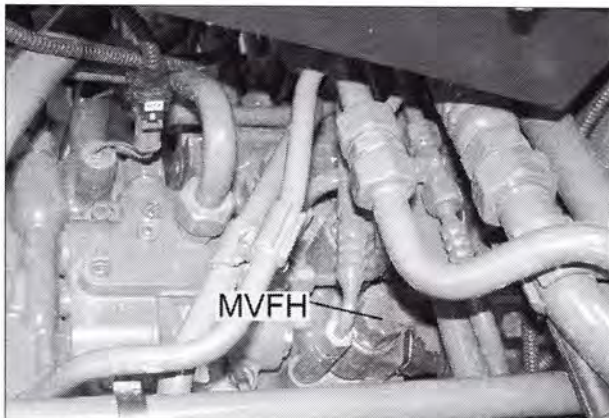


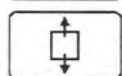
Fig. 321.

1000796

MVFW [Y063] - Solenoid valve, wobble stabiliser



Left side of tractor, in VBF



Pull forward left fuel tank

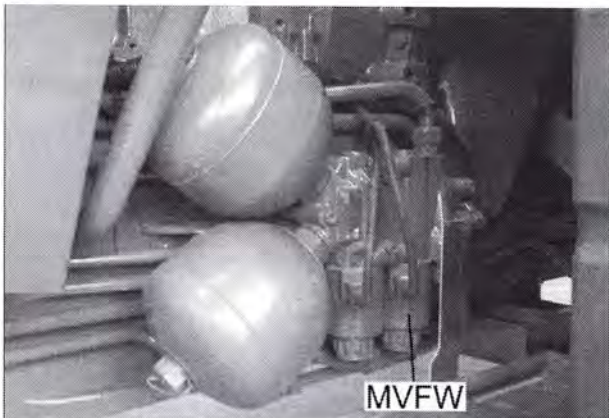


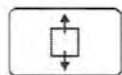
Fig. 322.

1000809

MVKF [Y021] - Front pressure compensator lock valve (SA/DA)



Right side of tractor, central valve block



Detach panel

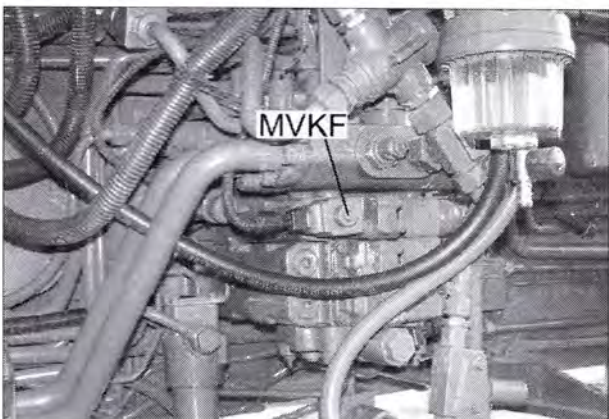


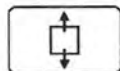
Fig. 323.

1000840

MVKFH [Y021] - Lifting solenoid valve (standard front power lift)



Right side of tractor, central valve block (standard front power lift).



Detach panel

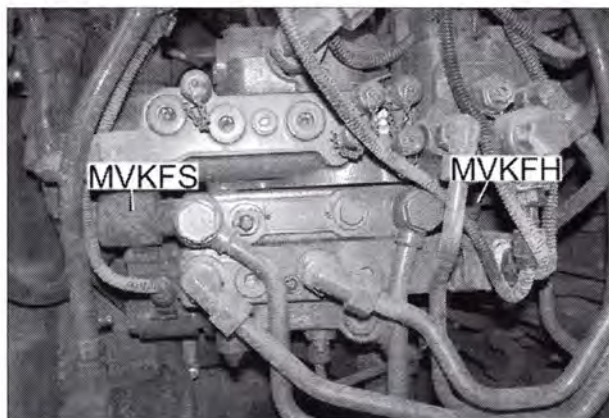
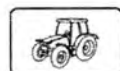


Fig. 324.

1001647

MVKFS [Y022] - Lowering solenoid valve (standard front power lift)



Right side of tractor, central valve block (standard front power lift).

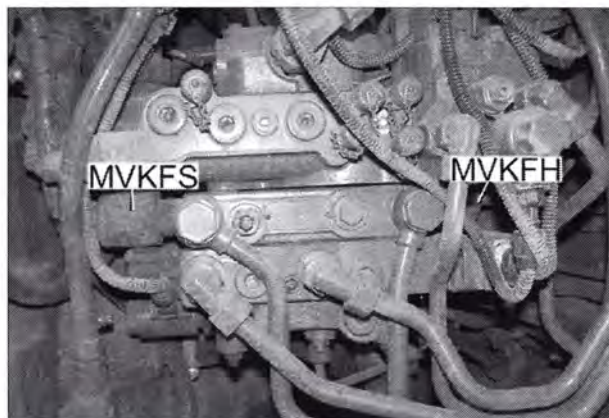
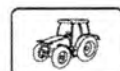


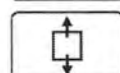
Fig. 325.

1001647

MVKH [Y055] - Rear pressure compensator lock valve (SA/DA)



Rear valve block



Detach cover panel

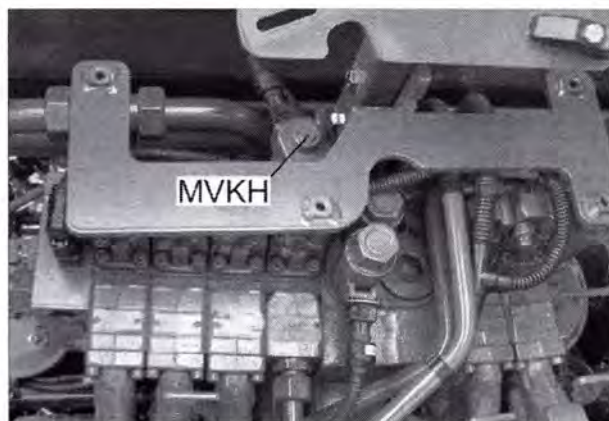


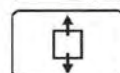
Fig. 326.

1000838

MVL [Y012] - Solenoid valve, charge function (suspension, oil pre-heater)



Right side of tractor, in ZSB



Detach panel



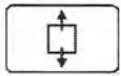
Fig. 327.

1000795

MVP [Y032] - Solenoid valve, pilot pressure



Right side of tractor, in VBP



Detach panel and right fuel tank

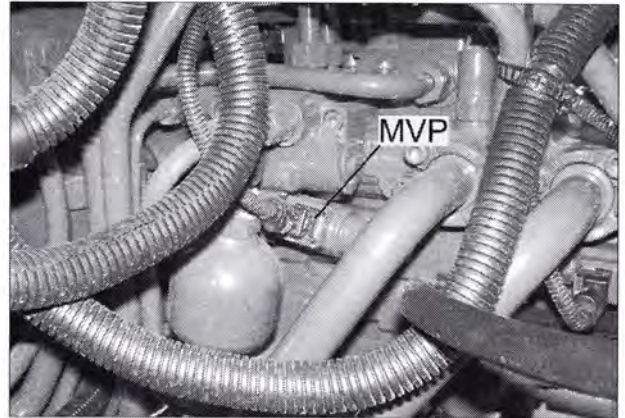


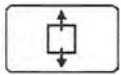
Fig. 328.

1000818

MVUL [Y082] - Solenoid valve, lower link stabiliser lock



Rear valve block



Detach cover panel

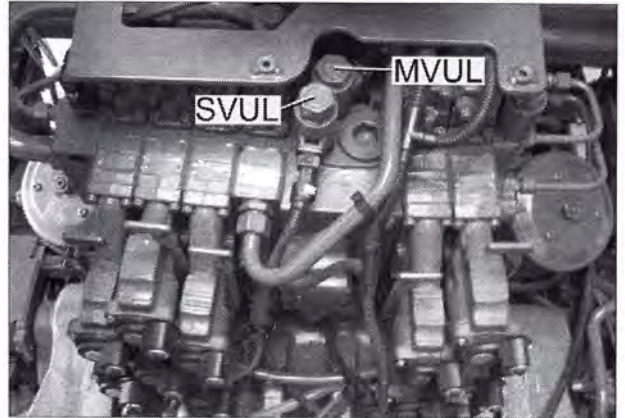


Fig. 329.

1000835

MVVH [Y060] - Solenoid valve, rear pre-heater



Rear valve block, in EPH

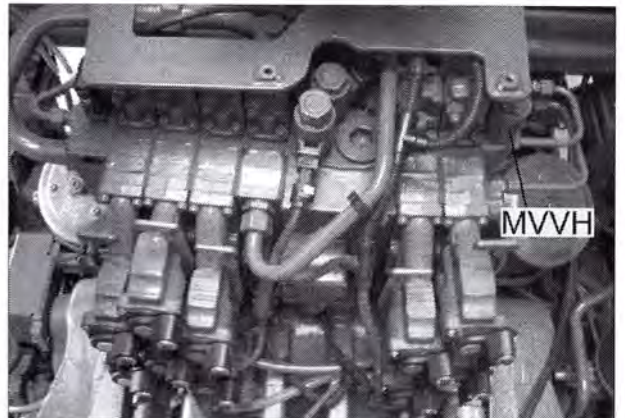


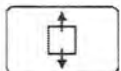
Fig. 330.

1000834

MVVM [Y061] - Solenoid valve, central pre-heater



Right side of tractor, in EPM



Detach panel

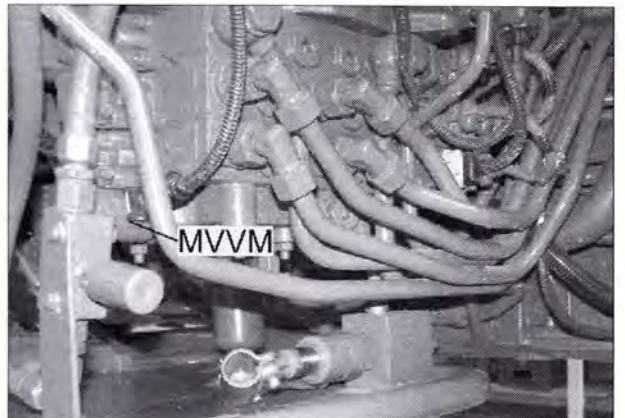


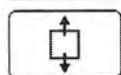
Fig. 331.

1000837

OETR - Oil temperature regulator



Right side of tractor, central valve block



Detach panel

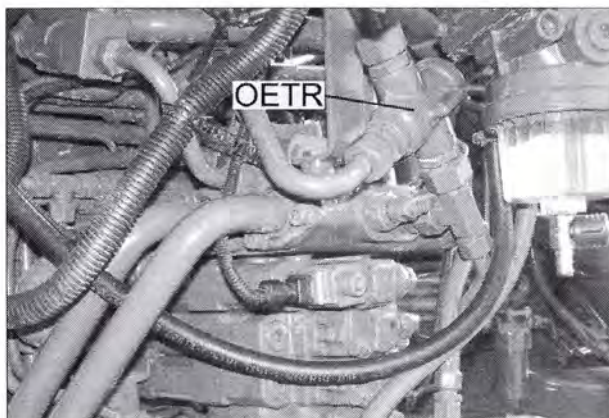


Fig. 332.

1000789

PH - Auxiliary pump



Flange-mounted to right side of engine



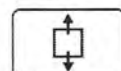
Fig. 333.

1000779

PNL - Emergency steering pump



In clutch housing, flange-mounted to 4WD shaft



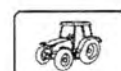
Remove right rear wheel, right fuel tank and clutch housing hatch cover



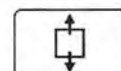
Fig. 334.

1000844

PR - LS pump



In clutch housing



Remove right rear wheel, right fuel tank and clutch housing hatch cover

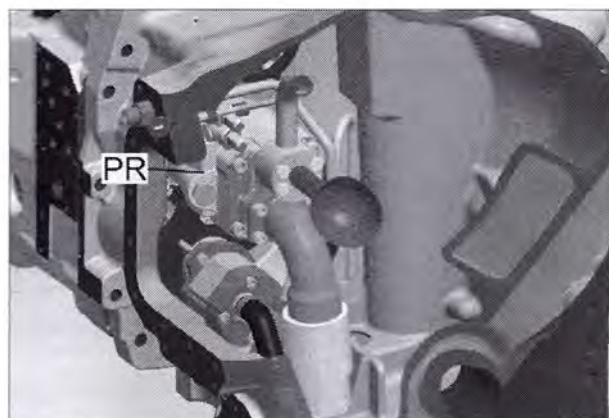


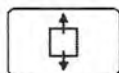
Fig. 335.

1000776

PVL - Priority valve, steering



Right side of tractor, in VBL



Detach panel

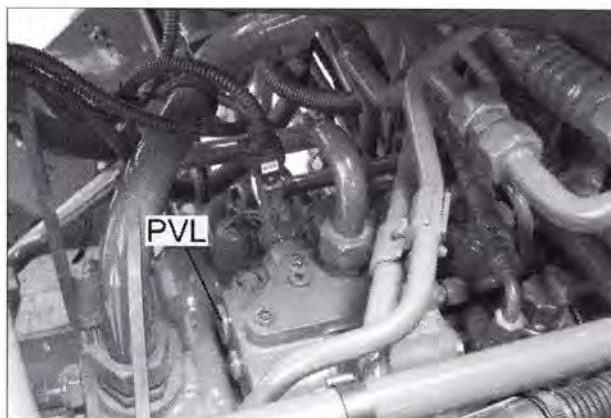


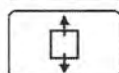
Fig. 336.

1000820

RLF - Return line filter



Left side of clutch housing



Detach closing plate from clutch housing, bottom left

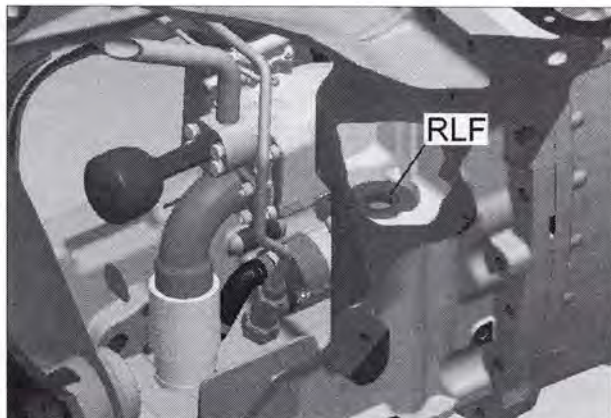


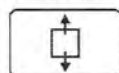
Fig. 337.

1000784

RVF1 - Non-return valve, suspension 1



Right side of tractor, in ZSB



For RVF1, remove the entire ZSB.

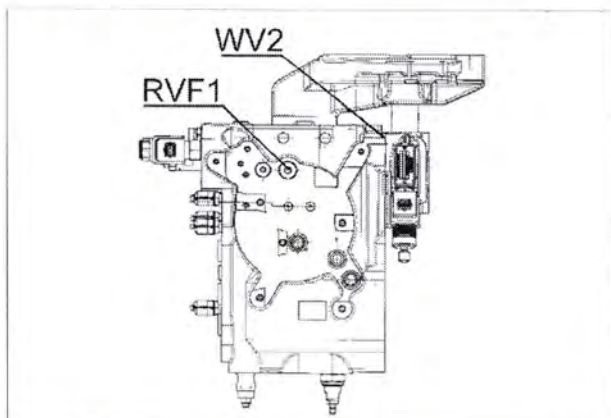
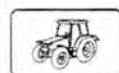


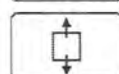
Fig. 338.

1002245

RVFH - Non-return valve, raise suspension



Right side of tractor, in ZSB



Detach panel

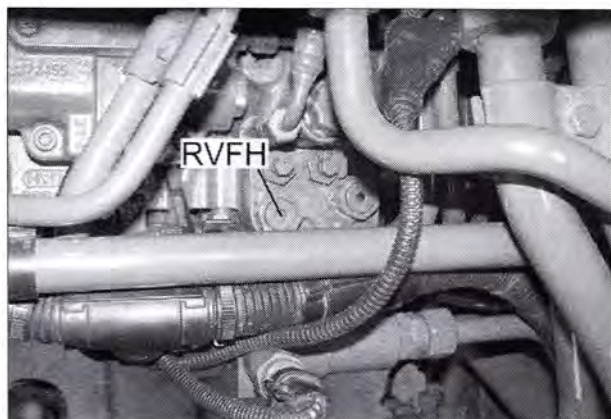


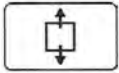
Fig. 339.

1000798

RVFS - Non-return valve, lower suspension



Right side of tractor, in ZSB



Detach panel

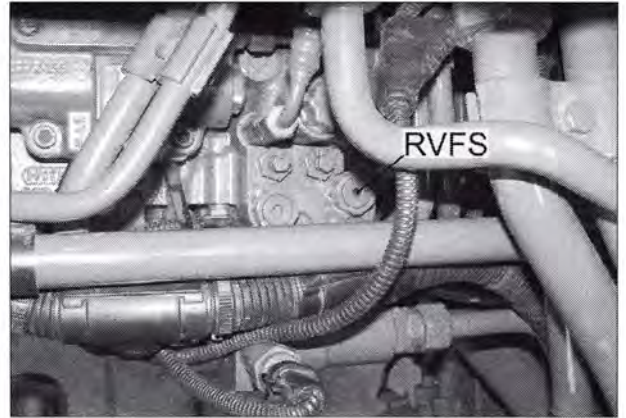


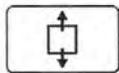
Fig. 340.

1000799

RVL1-3 - Non-return valve, steering 1-3



Right side of tractor, in ZSB



Detach panel

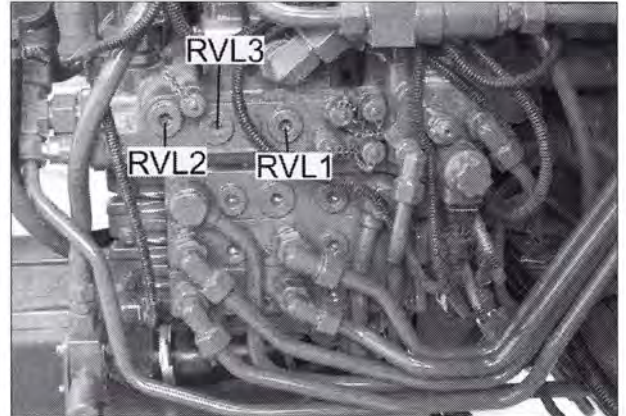


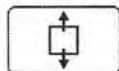
Fig. 341.

1000925

RVN - Non-return valve, emergency steering pump



In clutch housing



Remove right rear wheel, right fuel tank and clutch housing hatch cover

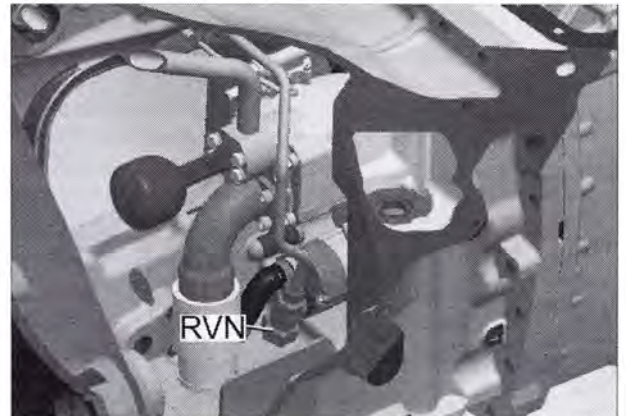


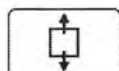
Fig. 342.

1000922

SFH - Auxiliary pump suction filter



Right side of tractor, in suction line hose



Detach suction hose

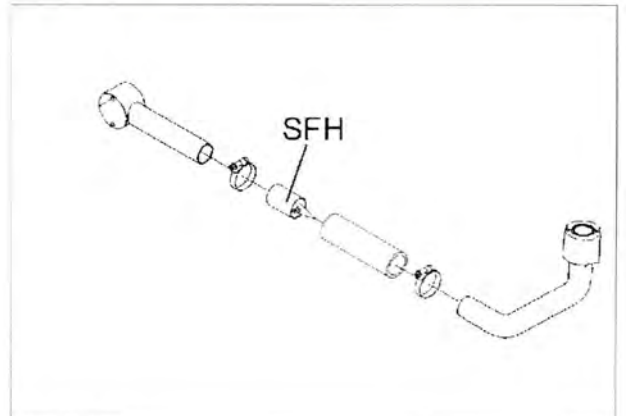


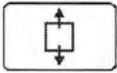
Fig. 343.

1001017

SFN1+2 - Suction filter, emergency steering pump 1+2



In clutch housing



Remove right rear wheel, right fuel tank and clutch housing hatch cover

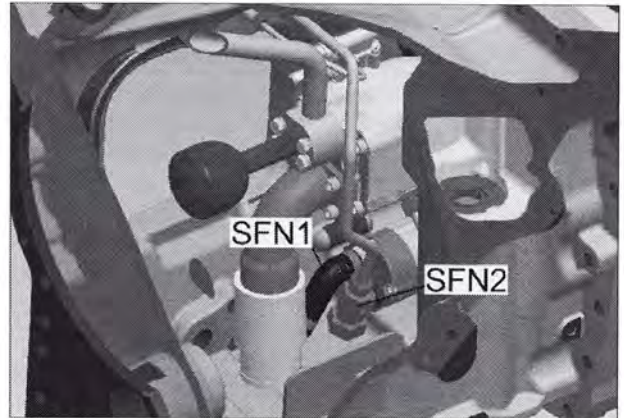


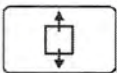
Fig. 344.

1000782

SFR - Suction filter, LS pump



In clutch housing



Remove right rear wheel, right fuel tank and clutch housing hatch cover

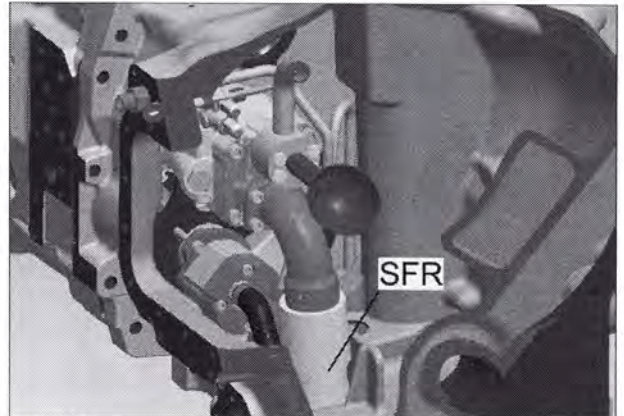


Fig. 345.

1000777

SRVE - Flow cut-off valve, external LS relief



Rear valve block, in APE

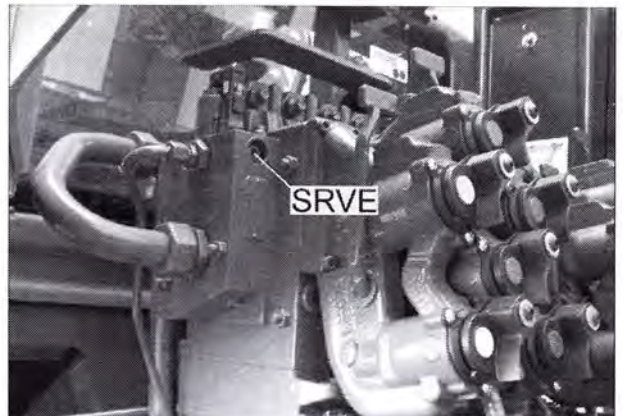


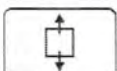
Fig. 346.

1000832

SVUL [Y083] - Solenoid valve, lower link stabiliser release



Rear valve block



Detach cover panel

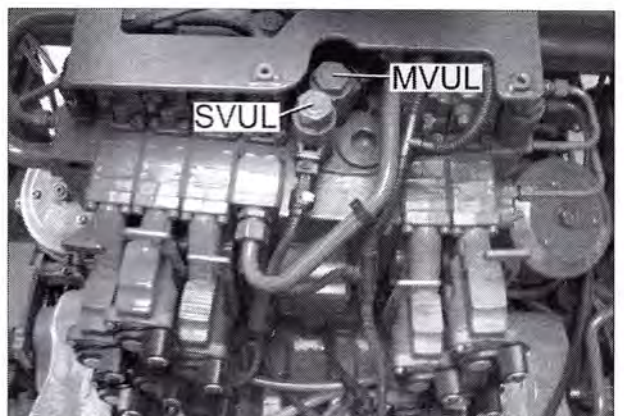


Fig. 347.

1000835

TG [B013] - Temperature sensor



Right side of engine, suction line to auxiliary pump

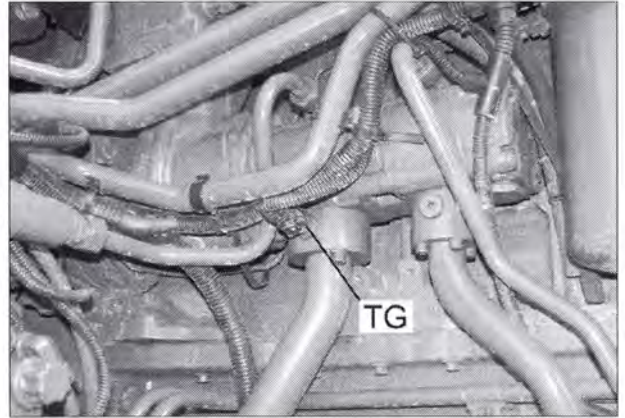


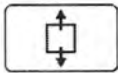
Fig. 348.

1000781

VBF - Valve block, suspension



Left side of tractor, behind fuel tank



Pull forward left fuel tank



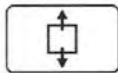
Fig. 349.

1000806

VBL - Valve block, steering



Right side of tractor, central valve block



Detach panel

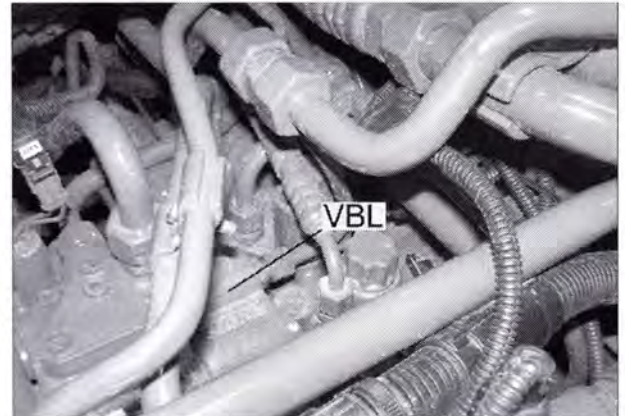


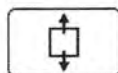
Fig. 350.

1000819

VBP - Valve block, pilot pressure supply



Right side of tractor, central valve block



Detach panel and right fuel tank

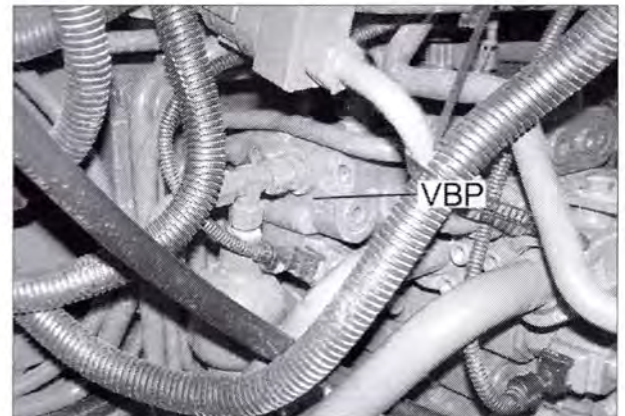


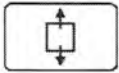
Fig. 351.

1000813

WV1 - LS shuttle valve 1



Right side of tractor, in ZSB



Detach panel

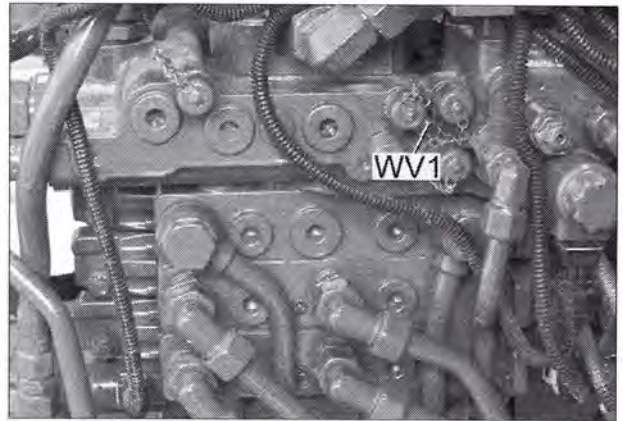


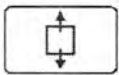
Fig. 352.

1000923

WV2 - LS shuttle valve 2



Right side of tractor, in ZSB



Remove right rear wheel, remove right tank, remove VBP, shuttle valve 2 is located behind the VBP.

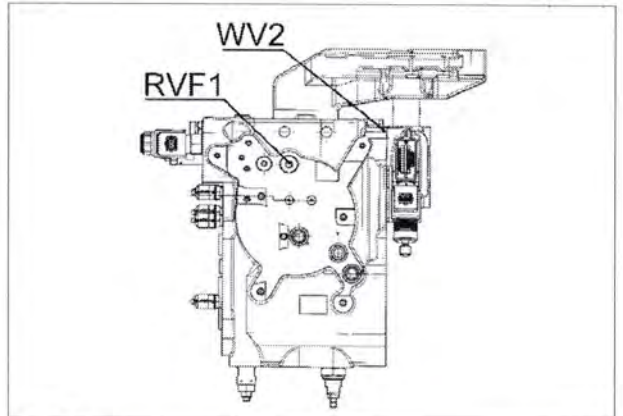


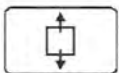
Fig. 353.

1002245

WVP - Shuttle valve, pilot pressure



Right side of tractor, in VBP



Detach panel and right fuel tank

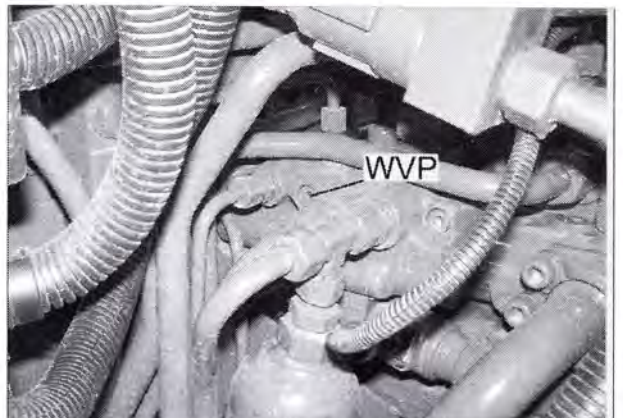


Fig. 354.

1000817

ZF1 - Federungszyylinder 1



Left of front axle

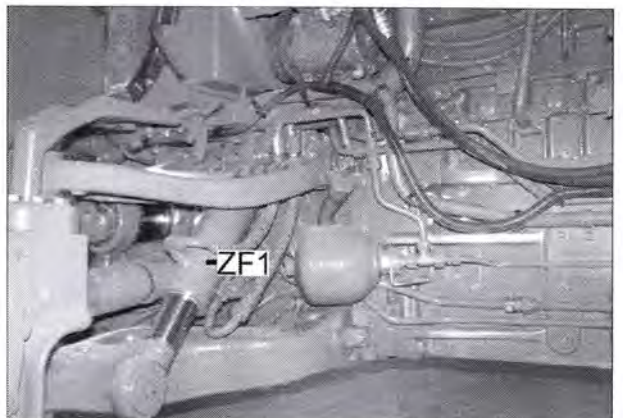


Fig. 355.

1003950

ZF2 - Federungszyylinder 2



Front axle, right

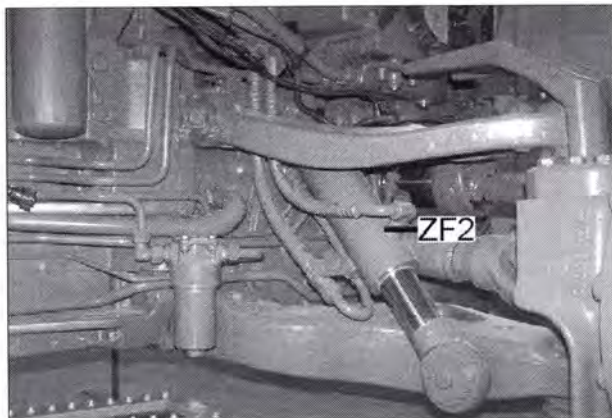


Fig. 356.

1003951

ZL - Steering cylinder



Front axle

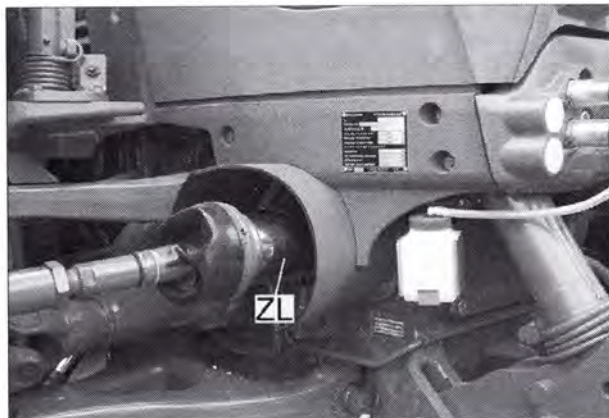


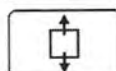
Fig. 357.

1000897

ZSB - Central control block



Right side of tractor, central valve block



Detach panel

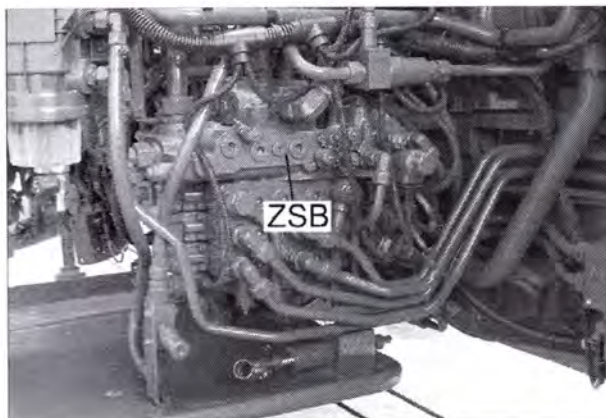


Fig. 358.

1000792

ZSP - Auxiliary accumulator, suspension



Left side of tractor, on engine

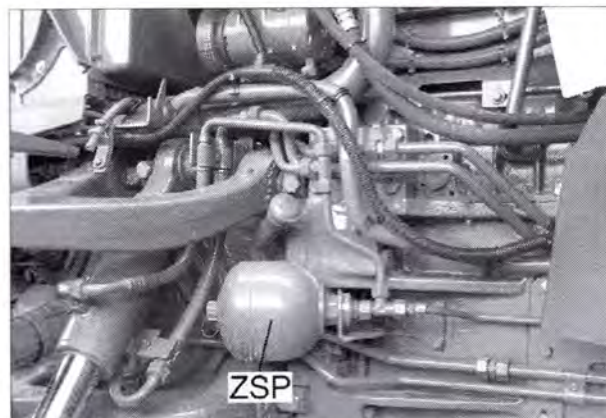


Fig. 359.

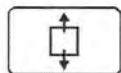
1000812

Electro-hydraulic steering system (Autoguide)

APLE - Connection plate for el.-hyd. steering system



Right side of transmission.



Remove right rear wheel.

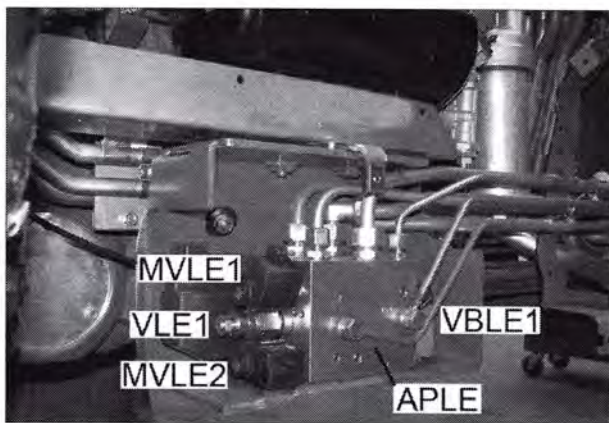


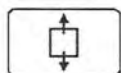
Fig. 360.

1001892

DRVLE - Pilot pressure cut-off valve, el.-hyd. steering system



Right side of transmission.



Remove right rear wheel.

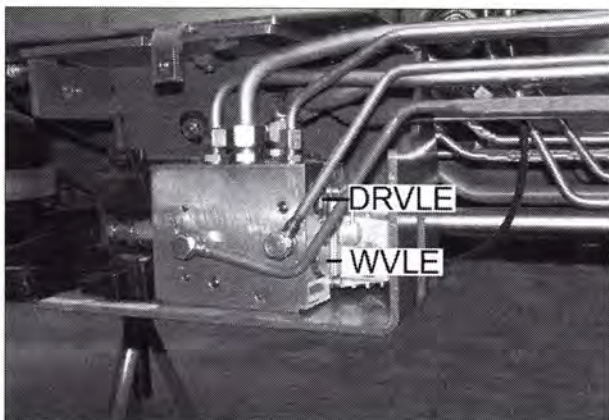


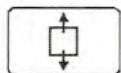
Fig. 361.

1001890

MVLE1 [Y085] - Solenoid valve, pilot pressure/switch-off (Auto-Guide)



Right side of transmission.



Remove right rear wheel.

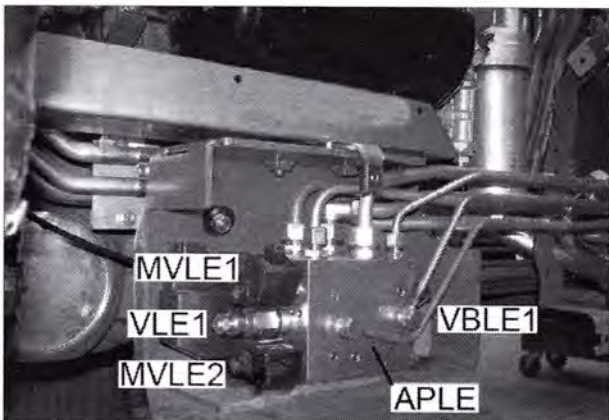


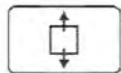
Fig. 362.

1001892

MVLE2 [Y086] - Solenoid valve, steering disconnect (Auto-Guide)



Right side of transmission.



Remove right rear wheel.

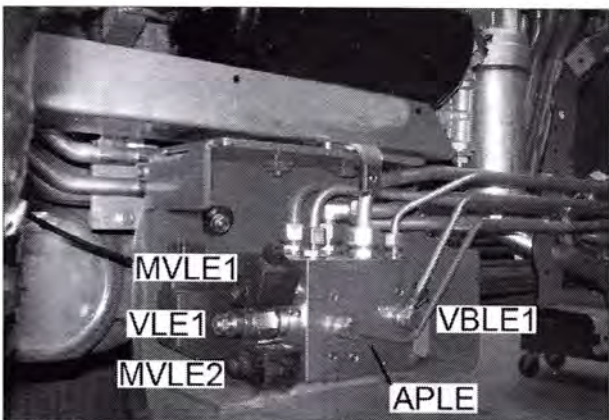


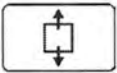
Fig. 363.

1001892

PVLE - Proportional valve, el.-hyd. steering system



Right side of transmission.



Remove right rear wheel.

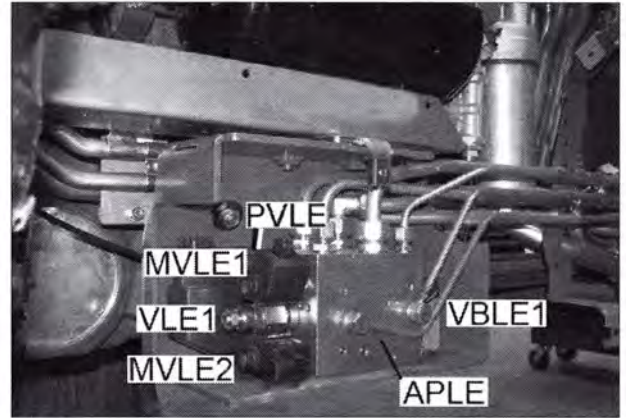


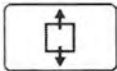
Fig. 364.

I003983

VBLE1 - Valve block, el.-hyd. steering system 1



Right side of transmission.



Remove right rear wheel.

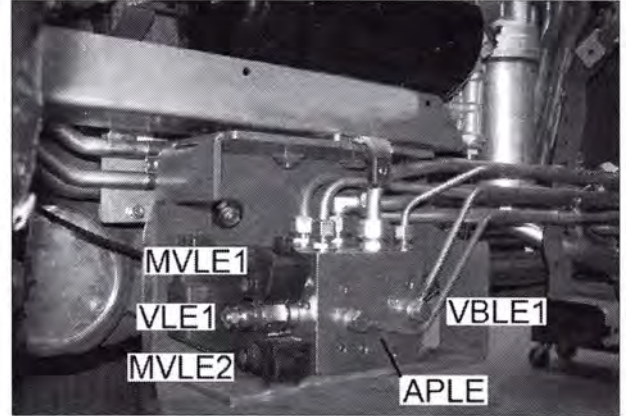


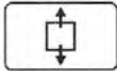
Fig. 365.

I001892

VBLE2 - Valve block, el.-hyd. steering system 2



Right side of tractor, behind the right fuel tank.



Remove the right fuel tank.

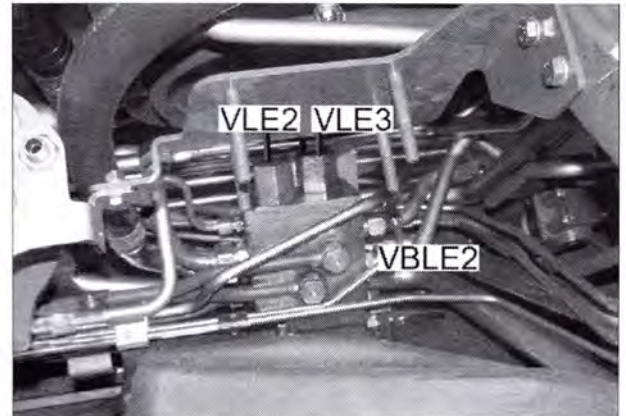


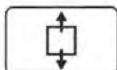
Fig. 366.

I001894

VLE1 - LE priority valve (oversteering valve)



Right side of transmission.



Remove right rear wheel.

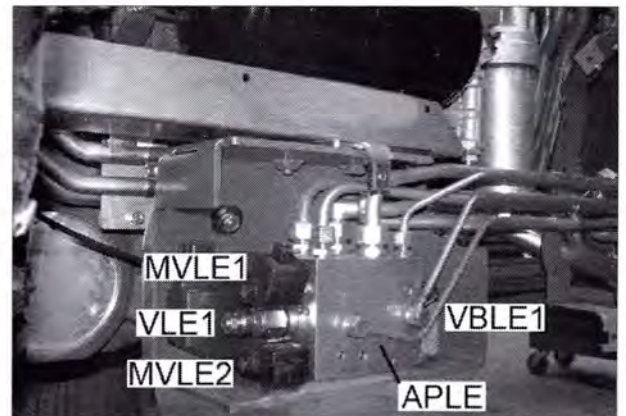


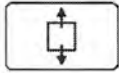
Fig. 367.

I001892

VLE2+3 - LE switch off 1 + 2 valves



Right side of tractor, behind the right fuel tank.



Remove the right fuel tank.

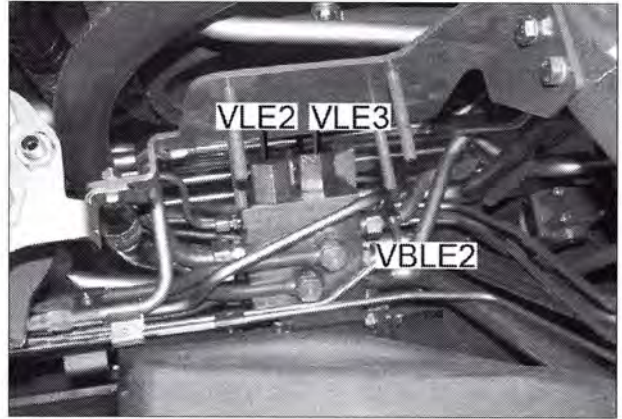


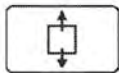
Fig. 368.

1001894

WVLE - LS shuttle valve, el.-hyd. steering system



Right side of transmission.



Remove right rear wheel.

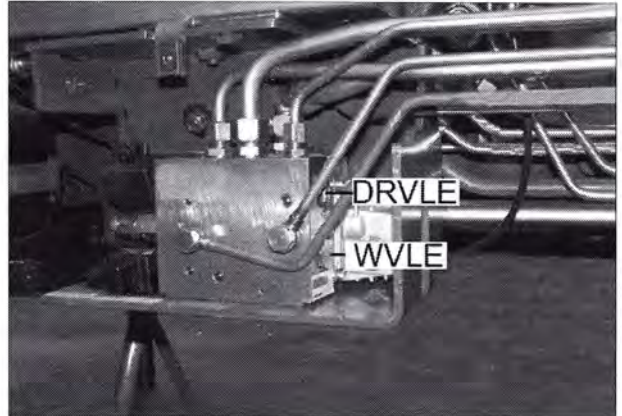


Fig. 369.

1001890

