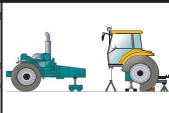




INTRODUCTION AND WARRANTY
INTRODUCTION ET GARANTIE
EINLEITUNG UND GARANTIE
INTRODUCCIÓN Y GARANTÍA

1



SPLITTING THE TRACTOR
SEPARATION DES ENSEMBLES
TRENNUNG DER BAUEINHEITEN
SEPARACIÓN DE LOS CONJUNTOS

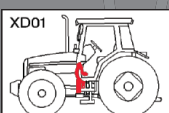
2



XA06

ENGINE AND EQUIPMENT
MOTEUR ET EQUIPEMENT
ENGINZUBEHOER
MOTOR Y EQUIPAMENTE

10



XD01

CLUTCH
EMBAYAGE
KUPPLUNG
EMBRAGUE

20



XE04

TRANSMISSION
TRANSMISSION
GETRIEBE
TRANSMISION

25



XG01

REAR AXLE
ESSIEU ARRIERE
HINTERACHSE
EJE TRASERO

30



XG55

LINKAGE
ATTelage
LENKER
ENGANCHES

40



XG56

PTO-DRIVE MECHANISM
TRANSMISSION PRISE DE FORCE
ZAPFWELLENANTRIEB
MECANISMO ACCIONAMIENTO TOMA DE FUERZA

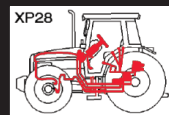
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XJ01

FRONT AXLE
ESSIEU AVANT
VORDERACHSE
EJE DELANTERO

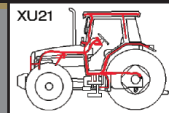
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XP28

HYDRAULICS
HYDRAULIQUE
HYDRAULISCHE ANLAGE
HIDRAULICOS

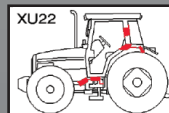
70



XU21

ELECTRIC EQUIPMENT & INSTRUMENT PANEL
EQUIPEMENT ELECTRIQUE ET TABLEAU DE BORD
ELEKTR. I ANLAGE UND INSTR.
EQUIPO ELECTRICO Y TABLERO DE INSTRUMENTOS

80



XU22

ELECTRONIC EQUIPMENT
EQUIPEMENT ELECTRONIQUE
ELEKTRONISCHAUSSTATTUNG
EQUIPO ELECTRONICA

90



XY54

SHEET METAL
CARROSSERIE
VERKLEIDUNG
EMPLANCHADOS

100



XY55

TRACTOR CAB
CABINE TRACTEUR
SCHLEPPERKABINE
CABINA TRACTOR

110



XY56

LIGHTING EQUIPMENT
ECLAIRAGE
BELEUCHTUNGSANLAGE
EQUIPO ALUMBRADO

120



XY57

RIMS AND WHEELS WEIGHTS
JANTE ET MASSES DE ROUES
FELGE UND RADGEWICHTE
LLANTA E PESOS DE RUEDAS

130



INDEX

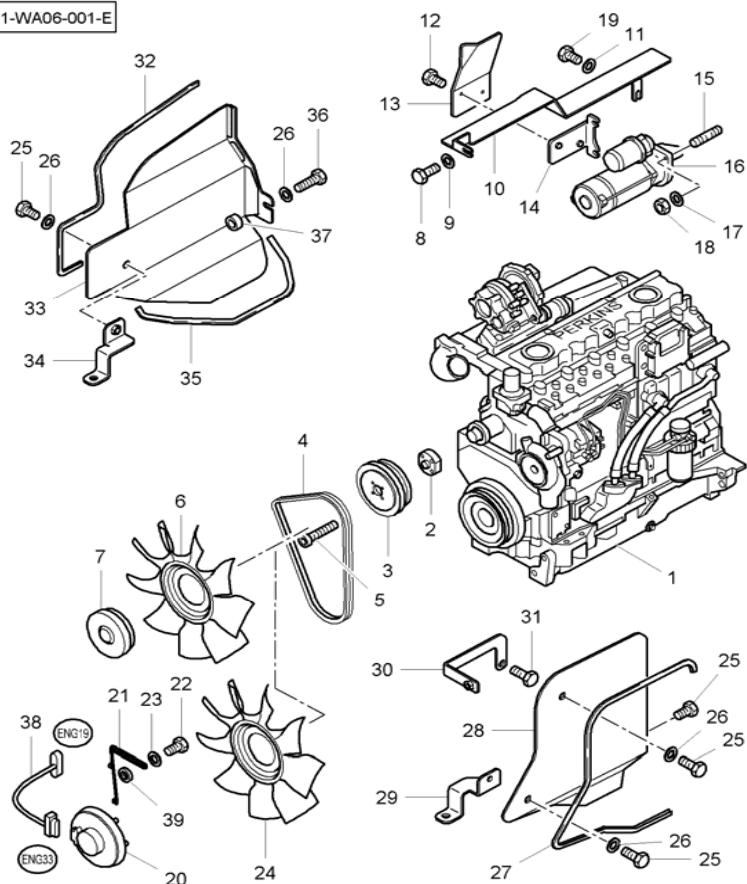
FAILURE CODE INDEX
INDEX DES CODES INCIDENTS
FEHLERCODELISTE
INDICE DE LOS CÓDIGOS DE AVERÍAS

INDEX





1-WA06-001-E



MT500B - Issue 1

ENGINE AND EQUIPMENT

10-1

25	35	45	55	65	75		Code		Description
•	•	•				1	51 06 00	12,50	Engine assembly
•	•	•				2	51 99 02	1,50	Pulley hub
•	•	•				3	59 22 00	1,50	Fan pulley
•	•	•				4	59 07 00	0,75	Fan belt
•	•	•				6	59 06 00	1,00	Fan blade
•	•	•				7	59 06 01	0,50	Viscostatic clutch
•	•	•				10	58 56 17	0,25	Starter guard
•	•	•				13	58 56 17	0,25	Starter guard
•	•	•				14	58 56 18	0,25	Frame
•	•	•				16	14 01 09	1,25	Starter motor
•	•	•				20	59 06 07	0,50	Vistronic clutch
•	•	•				21	59 06 08	0,25	Fan clutch support
•	•	•				24	59 06 00	1,00	Fan blade
•	•	•				28	58 56 55	0,25	Shield
•	•	•				33	58 56 53	0,25	Alternator guard
•	•	•				38	14 01 85	0,25	Fan clutch harness
								2,00	Addition for side bracings
								0,50	Addition for front PTO



MT500B

25 35 45 55 65 75

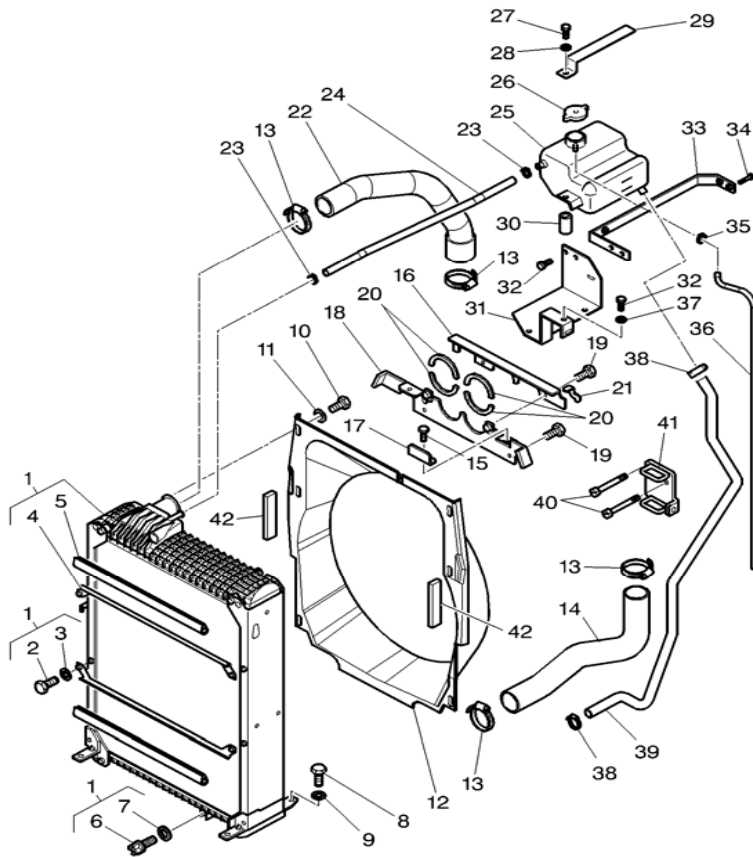
Code



Description

COOLING SYSTEM ENGINE

1-WC23-017-A



•	•	1	59 02 00	3,75	Radiator
•	•	6	59 02 07	2,00	Drain plug
•	•	12	59 06 04	1,00	Fan nozzle
•	•	14	59 04 01	1,00	Lower hose
•	•	22	59 04 00	0,75	Upper hose
•	•	24	59 04 06	0,75	Upper hose pipe
•	•	25	59 02 10	1,25	Expansion tank
•	•	26	59 02 05	0,25	Plug
•	•	29	59 02 15	1,25	Expansion tank lug
•	•	36	59 02 14	0,25	Expansion tank hose
•	•	39	59 04 05	1,25	Lower hose pipe

1-WC23-017-A

MT500B - Issue 1

ENGINE AND EQUIPMENT

10-40



MT500B

25 35 45 55 65 75

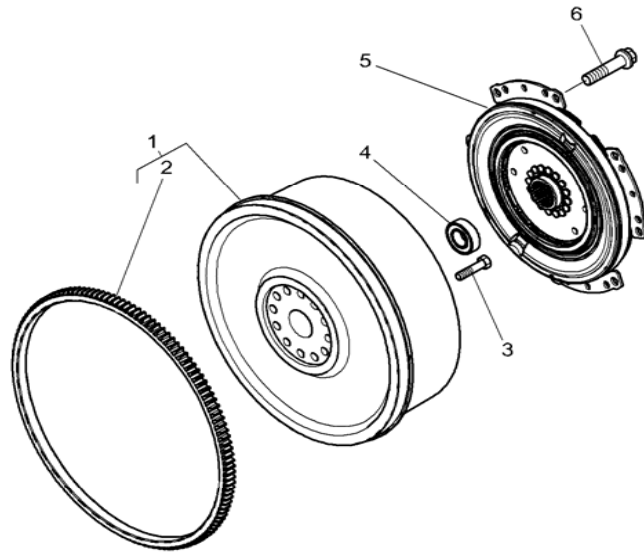
Code



Description

FLYWHEEL & FLYWHEEL HOUSING

1-WA07-029-A



•	•	•				1	58 10 00	10,50	Engine flywheel
•	•	•				2	58 36 00	11,00	Starter ring gear
•	•	•				3	58 40 00	10,50	Engine flywheel screw
•	•	•				4	58 38 00	10,25	Pilot bearing
•	•	•				5	58 37 00	10,00	Flywheel shock absorber
•	•	•				6	58 37 04	10,00	Power shuttle screw

1-WA07-029-A



MT500B

25 35 45 55 65 75

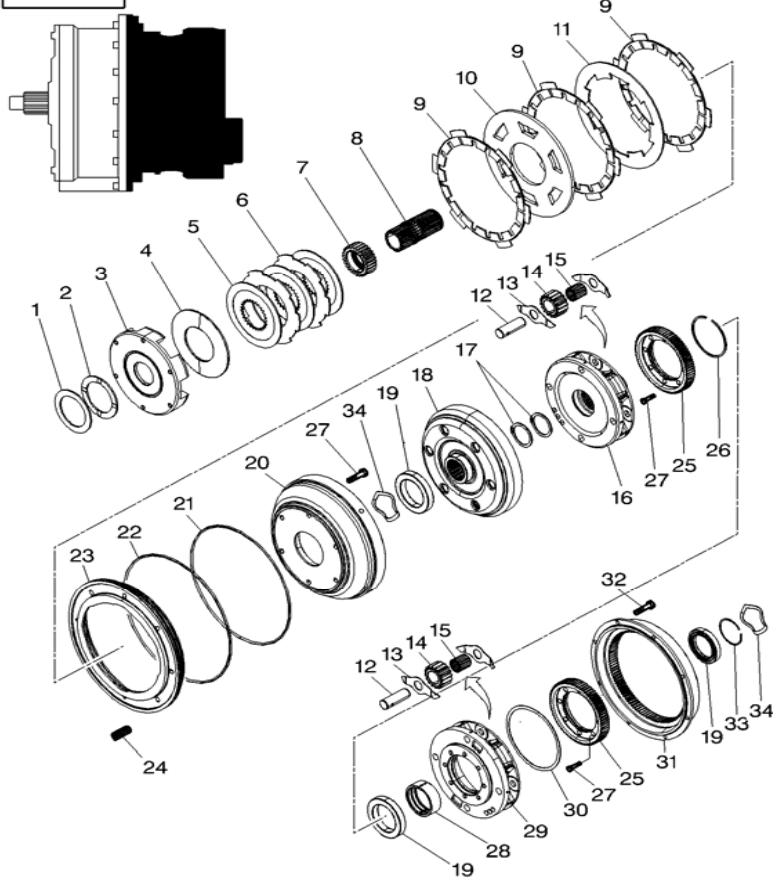
Code



Description

GEAR BOX

1-WF41-002-A



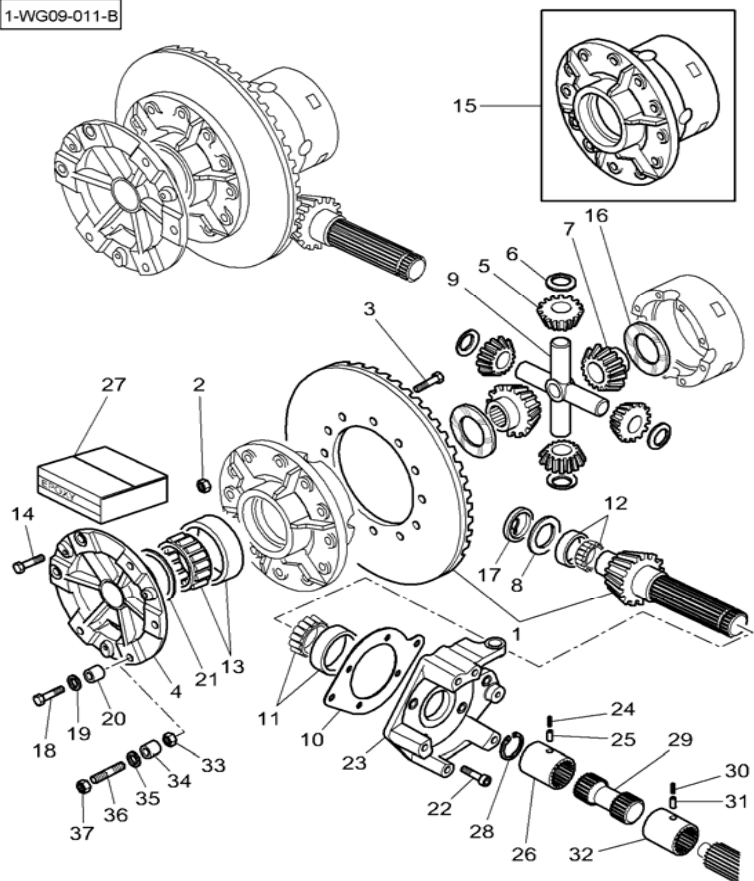
•	•	•					1	19 05 30	20,25	Washer
•	•	•					2	19 05 07	20,25	Friction washer
•	•	•					3	19 05 08	20,25	Clutch housing
•	•	•					4	19 05 11	20,25	Belleville washer
•	•	•					5	19 05 13	20,50	Clutch discs
•	•	•					6	19 05 14	21,00	Clutch intermediate plates
•	•	•					7	19 05 16	21,25	Splined hub
•	•	•					8	19 05 24	21,25	Primary shaft
•	•	•					9	19 05 09	21,50	Front brake discs
•	•	•					10	19 05 12	21,50	Thrust plate
•	•	•					11	19 05 10	21,50	Brake intermediate plate
•	•	•					12	19 03 62	20,75	Pin
•	•	•					13	19 03 63	20,75	Washer
•	•	•					14	19 03 64	20,75	Pinion gear
•	•	•					15	19 03 65	20,75	Needle bearings
•	•	•					16	19 05 40	20,75	Primary planet carrier
•	•	•					17	19 05 46	20,00	Locking ring
•	•	•					18	19 05 22	20,25	Primary ring gear
•	•	•					19	19 05 20	20,50	Bearing
•	•	•					20	19 05 19	20,75	Secondary ring gear carrier
•	•	•					21	19 05 18	20,00	Piston seal
•	•	•					22	19 05 18	20,00	Piston seal
•	•	•					23	19 05 15	20,00	Front piston
•	•	•					24	19 05 06	20,00	Compression spring
•	•	•					25	19 05 45	20,75	Primary sun gear
•	•	•					26	19 05 54	20,00	Locking ring
•	•	•					27	19 05 21	20,50	Secondary ring gear screw
•	•	•					28	19 03 66	20,50	Spacer
•	•	•					29	19 05 50	20,75	Secondary planet carrier
•	•	•					30	19 05 44	20,00	Oil deflector
•	•	•					31	19 05 23	21,75	Secondary ring gear
•	•	•					32	19 03 67	21,75	Screws
•	•	•					33	19 03 68	20,50	Ring
•	•	•					34	19 05 31	20,50	Spring washer

1,50 Addition for side bracings

1-WF41-002-A



1-WG09-011-B



1-WG09-011-B

MT500B - Issue 1

REAR AXLE

30-22

25	35	45	55	65	75		Code		Description
•						1	27 01 01	36,00	Drive pinion / ring gear assembly
•						4	27 01 14	10,50	Right-hand differential support
•						5	27 01 07	12,75	Pinion gears
•						6	27 01 06	12,75	Friction washer
•						7	27 01 05	12,75	Sun gears
•						8	27 00 16	36,00	Drive pinion shim
•						9	27 01 08	12,75	Cross
•						10	27 00 13	16,00	Drive pinion shim
•						11	27 01 10	36,00	Drive pinion front bearing
•						12	27 01 09	36,00	Drive pinion rear bearing
•						13	27 01 15	10,50	Differential bearing
•						15	27 01 03	22,00	Right-hand differential unit
•						16	27 01 04	12,75	Friction washers
•						17	27 01 36	16,00	Deflector
•						21	27 00 17	19,25	Adjustment shim
•						23	26 01 01	19,50	Plate
•						28	27 01 32	16,00	Circlip
•						29	27 01 17	16,00	Link shaft
•						32	27 01 16	16,00	Coupling sleeve



MT500B

25 35 45 55 65 75

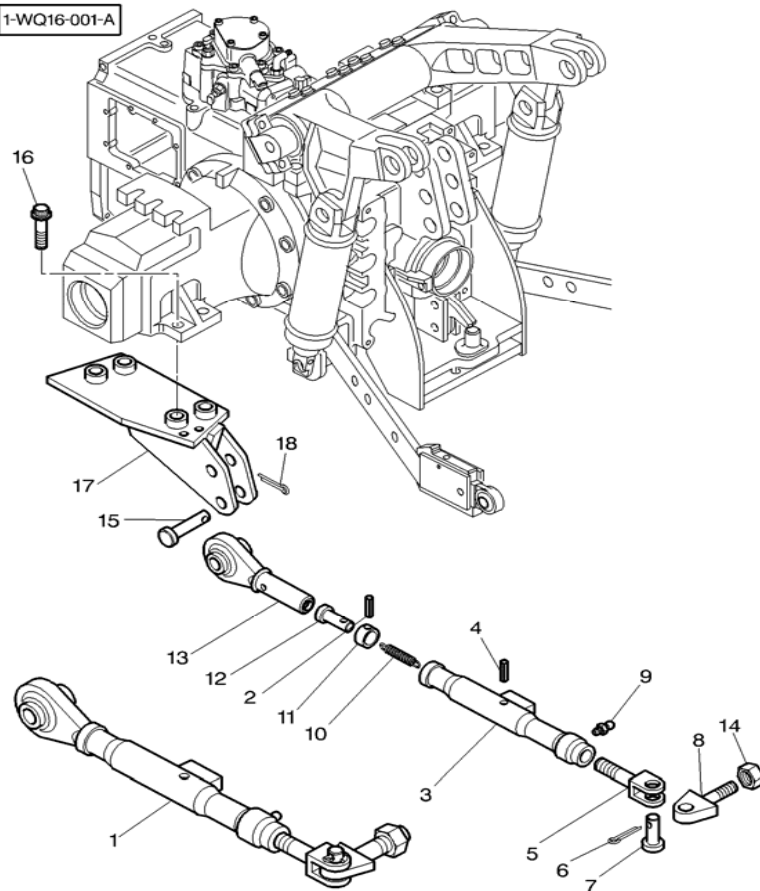
Code



Description

TUBE STABILIZERS

1-WQ16-001-A



- • • 1 32 01 88
- • • 3 32 01 16
- • • 5 32 01 17
- • • 8 32 01 18
- • • 10 32 01 15
- • • 13 32 01 14
- • • 15 32 01 48
- • • 17 32 01 11

- 0,50 Stabiliser
- 0,50 Adjustable sleeve
- 0,25 Clevis
- 0,25 Attachment / pin
- 0,50 Spring
- 0,50 Rod with ball joint
- 0,25 Pin
- 0,50 Kit lock

1-WQ16-001-A

MT500B - Issue 1

LINKAGE

40-29



MT500B

25 35 45 55 65 75

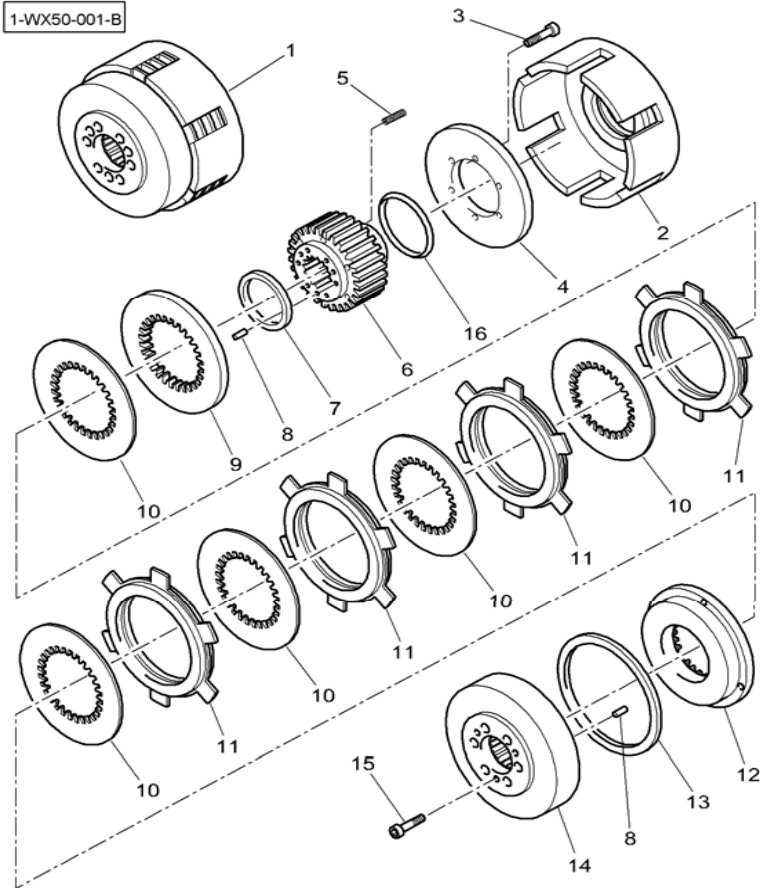
Code



Description

FRONT PTO IPTO CLUTCH

1-WX50-001-B



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1 34 07 29
5 34 07 57
7 34 07 58
9 34 07 59
10 34 07 60
11 34 07 61
13 34 07 62
16 34 07 86

6,75 PTO clutch
7,50 Front PTO clutch spring
7,50 Front PTO clutch ring
7,50 Front PTO clutch intermediate plate
7,50 Front PTO clutch disc
7,50 Front PTO clutch disc
7,50 Front PTO clutch ring
7,50 O'ring

1-WX50-001-B



MT500B

25 35 45 55 65 75

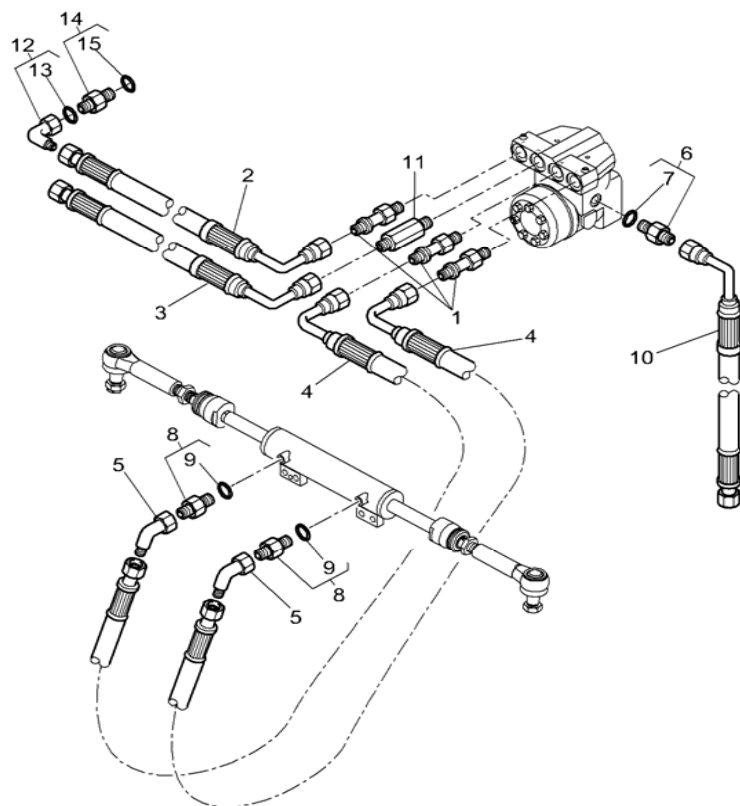
Code



Description

STEERING HYDRAULIC LINES

1-WN06-035-A



- • • 1 22 15 48
- • • 2 22 14 41
- • • 3 22 14 40
- • • 4 22 04 02
- • • 22 04 03
- • • 6 22 14 56
- • • 10 22 04 55
- • • 11 22 12 50

- 0,50 Orbitrol union
- 0,75 Orbitrol return hose
- 0,75 Orbitrol supply hose
- 0,75 Steering ram right-hand hose
- 0,75 Steering ram left-hand hose
- 1,00 Union
- 0,75 XLS line - steering
- 0,50 Orbitrol union

1-WN06-035-A



MT500B

25 35 45 55 65 75

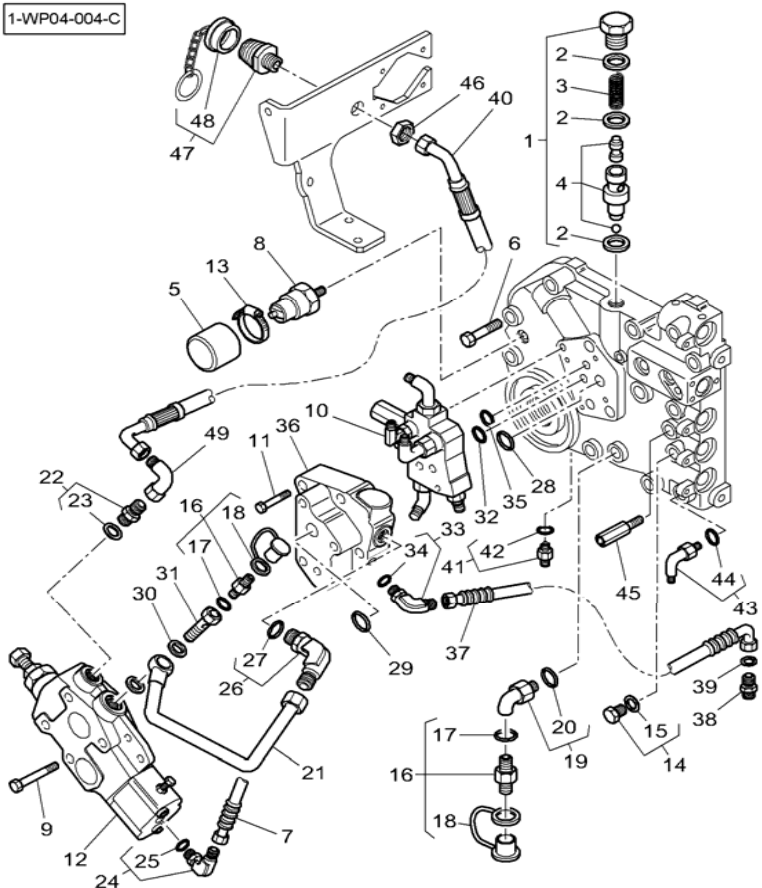


Code

Description

HYDRAULIC COVER RH TRAILER BRAKE VALVE

1-WP04-004-C



•	•	•					1	22 01 06	0,75	High pressure safety valve
•	•	•					5	22 01 70	0,25	Protector and collar
•	•	•					6	22 01 71	0,50	Screws
•	•	•					7	22 04 05	0,50	Trailer brake pilot tube
•	•	•					8	22 01 07	0,25	Clogging switch
•	•	•					10	22 02 99	1,25	Flow rate limiter
•	•	•					12	22 02 01	0,75	Trailer braking valve assembly
•	•	•					13	22 01 70	0,25	Protector and collar
•	•	•					16	22 02 11	0,25	Diagnostics connector
•	•	•					21	22 00 54	0,50	Trailer brake hose
•	•	•					36	22 00 53	1,00	Pump coupling unit support
•	•	•					37	22 00 55	0,25	Return hose
•	•	•					40	22 04 15	0,50	Trailer brake hose
•	•	•					47	22 04 30	0,25	Trailer brake connection
								22 05 01	0,75	Low pressure test
								22 05 02	0,75	Brake / clutch test
								22 05 03	0,75	High pressure test
								22 05 04	2,00	Complete tests

1-WP04-004-C



MT500B

25 35 45 55 65 75

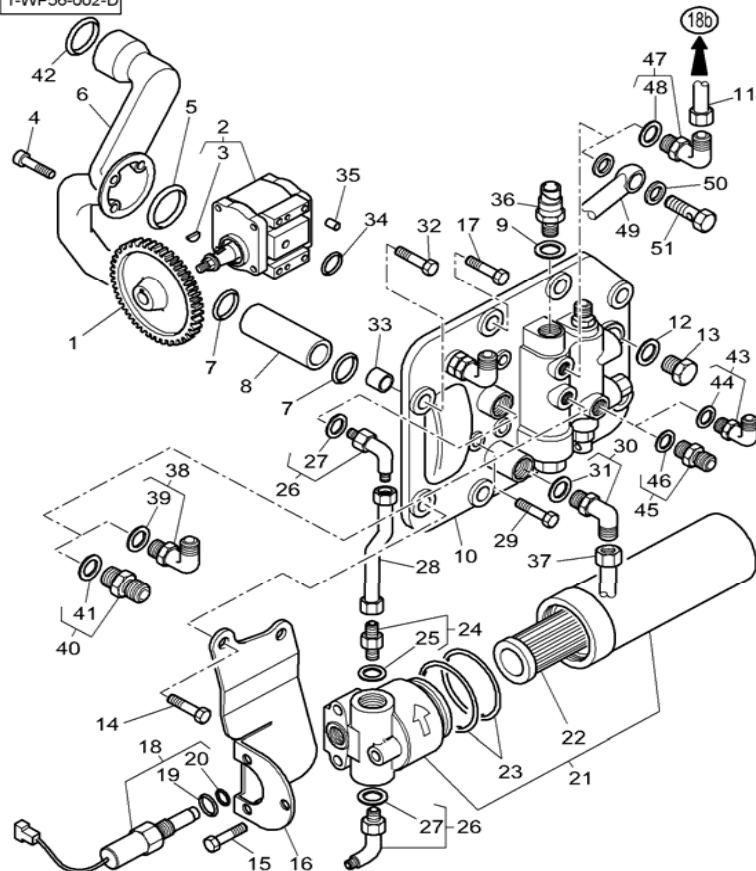
Code



Description

COVER LH-PUMP/FILTER TWIN FLOW LOAD SENSING

1-WP56-002-D



•	•	1	22 00 11	3,25	Left-hand pump pinion
•	•	2	22 00 12	3,25	Hydraulic pump
•	•	6	22 00 13	3,25	Left-hand cover manifold
•	•	8	22 00 14	3,00	Left-hand cover pipe
•	•	10	22 00 10	3,50	Left-hand cover
•	•	11	22 00 15	0,50	Left-hand cover pipe
•	•	18	22 06 07	0,25	Clogging switch
•	•	21	22 06 02	0,75	Filter head
•	•	22	22 06 03	0,50	Filter element
•	•	28	22 00 16	0,75	Left-hand cover pipe
•	•	36	60 30 21	0,50	17 bar oil pressure switch
•	•	37	22 03 55	1,50	Pipe
•	•	49	22 00 17	0,50	Left-hand cover pipe

1-WP56-002-D



MT500B

25 35 45 55 65 75

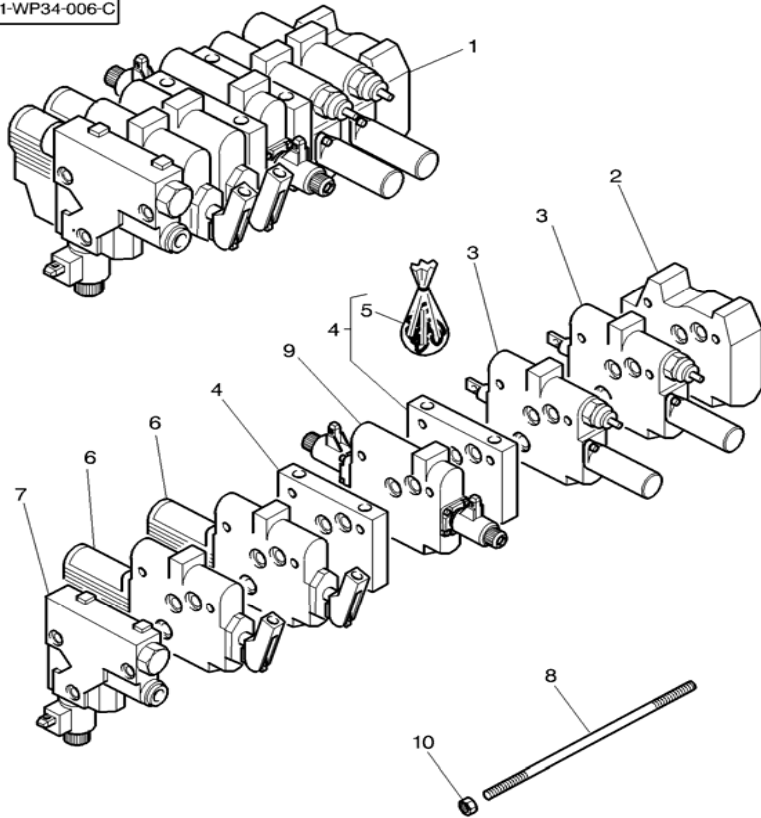
Code



Description

AUXILIARY DISTRIBUTOR

1-WP34-006-C



•	•	•	•	•	•	1	22 02 05
•	•	•	•	•	•	2	22 02 06
•	•	•	•	•	•	3	22 02 30
•	•	•	•	•	•	4	22 02 68
•	•	•	•	•	•	6	22 02 52
•	•	•	•	•	•	7	22 02 51
•	•	•	•	•	•	8	22 02 20
•	•	•	•	•	•	9	60 40 27

4,50	Mechanical spool valve
5,25	Inlet plate
5,25	4-position spool valve
5,25	Auxiliary spool valve plate
5,25	Electronic spool valve
1,75	Safety valve
5,25	Stud
5,25	Lift control valve assembly

1-WP34-006-C



MT500B

25 35 45 55 65 75

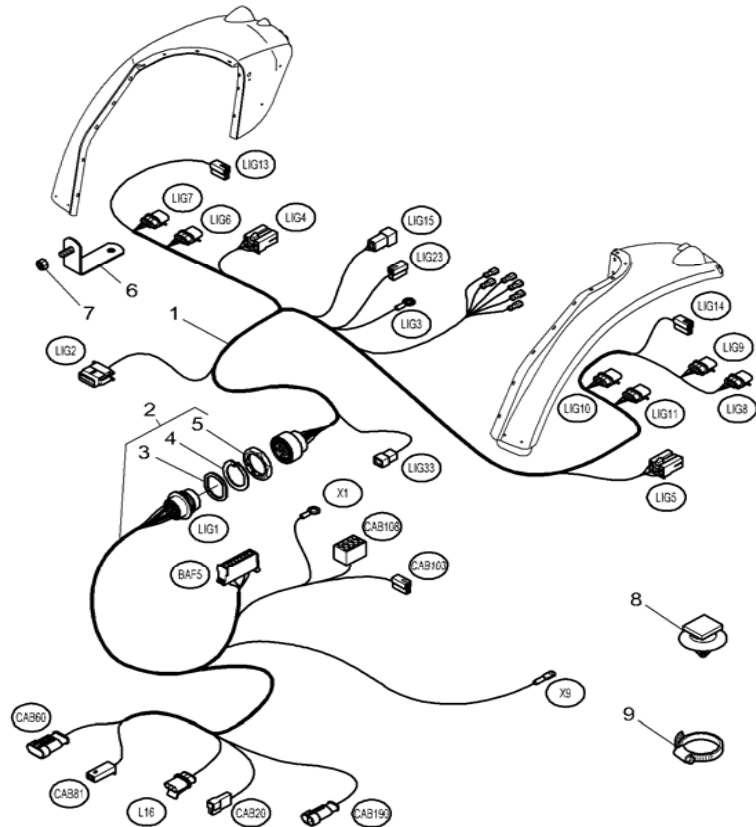
Code



Description

REAR LIGHTNING HARNESS

1-WW43-007-D



•	•	•	•	•	•	1	14 00 12
•	•	•	•	•	•	2	14 00 13
							14 01 00

2,75	Rear lighting harness
4,50	Inside lighting harness
0,75	Electrical fault diagnostics

1-WW43-007-D / 1-WW43-007-B / 1-WW43-007-C



MT500B

25 35 45 55 65 75

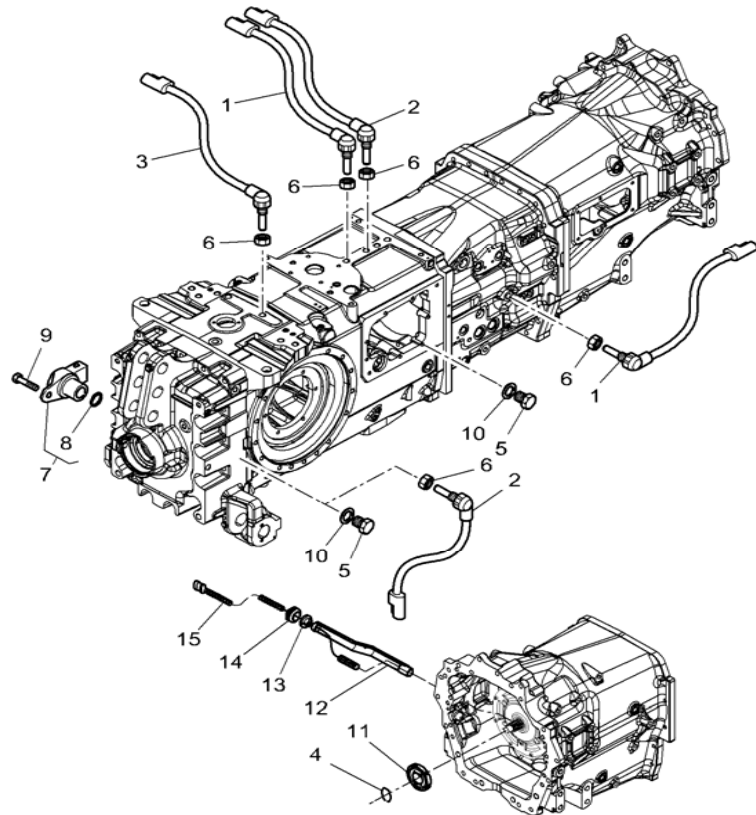
Code



Description

ELECTRONIC EQUIPMENT SENSORS

1-WU37-008-A



•	•	•	1	60 30 19	0,75	Engine speed sensor
•	•	•		60 60 29	0,75	PTO clutch speed sensor
•	•	•	2	60 30 19	0,75	Engine speed sensor
•	•	•		60 30 17	0,75	PTO speed sensor
•	•	•	3	60 30 18	0,75	Ground speed sensor
•	•	•	4	19 03 77	10,00	Attachment hook
•	•	•	7	60 30 52	0,50	PTO output shaft speed sensor
•	•	•	12	19 03 76	1,75	Support
•	•	•	15	60 20 73	1,75	Power Boost sensor

1-WU37-008-A



MT500B

25 35 45 55 65 75

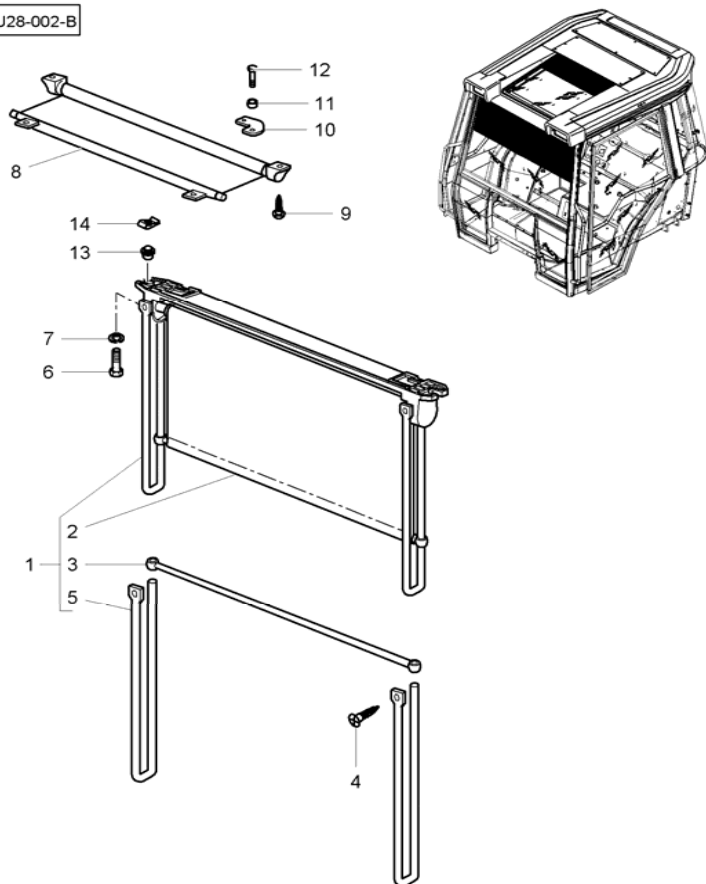
Code



Description

CANOPY

1-WU28-002-B



•
•

•
•

•
•

1
8

28 02 50
28 04 01

0,25
0,25

Sun visor
Sun visor

1-WU28-002-B