



PARTS MANUAL

5100 TRACTOR

PRINTED BY :
heavy-equipmentmanual.com

5100

B0 - ENGINE

GENERAL

ENGINE TCD3.6L4 - 70kW EPA4i.....	B0.00.0 (1)
ENGINE TCD3.6L4 - 70kW2200E4i.....	B0.00.4 (1)

CYLINDER BLOCK

MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE.....	B0.01.0 (2)
SERIE GUARNIZIONI.....	B0.01.1
BLEEDING TUBE.....	B0.01.2
BLEEDING TUBE.....	B0.01.4
DIPSTICK.....	B0.01.6
CLOSING COMPONENTS.....	B0.01.7
SEALING.....	B0.01.8
ZYL.KURBELGEHAEUSE.....	B0.01.9
ZYL.KURBELGEHAEUSE.....	B0.01.10
ZYL.KURBELGEHAEUSE.....	B0.01.12

CRANKSHAFT

ENGINE FLYWHEEL.....	B0.02.0 (1)
COOLANT PUMP AND COMPRESSOR DRIVEBELT.....	B0.02.1 (1)
CRANKSHAFT.....	B0.02.2
CRANKSHAFT.....	B0.02.3
COUNTERWEIGHTS.....	B0.02.4
COUNTERWEIGHTS.....	B0.02.5
COUNTERWEIGHTS.....	B0.02.6
V-GROOVED PULLEY.....	B0.02.7
V-GROOVED PULLEY.....	B0.02.8

CYLINDERS - PISTONS - CONNECTING RODS

PISTON.....	B0.03.0
CONNECTING ROD.....	B0.03.1

TIMING

FASTENINGS.....	B0.04.0
FASTENINGS.....	B0.04.1
TUNNEL COVER.....	B0.04.2
CAMSHAFT.....	B0.04.4
CAMSHAFT.....	B0.04.5
CAMSHAFT.....	B0.04.6
VALVE DRIVE.....	B0.04.7
VALVE DRIVE.....	B0.04.8
INTERMEDIATE GEAR.....	B0.04.9
GEARCASE.....	B0.04.10
GEARCASE.....	B0.04.11
GEARCASE.....	B0.04.12
GEARCASE.....	B0.04.13

GEARCASE.....	B0.04.15
CYLINDER HEAD	
FASTENINGS.....	B0.05.0
CYLINDER HEAD.....	B0.05.1
CYLINDER HEAD.....	B0.05.2
CYLINDER HEAD.....	B0.05.3
VALVE MECHAN.COVER.....	B0.05.4
SHAFT PROTECTOR - DRIVEN STEERING AXLE.....	B0.05.5
LUBRICATION	
FILTERKONSOLE.....	B0.06.0
SUPPORT.....	B0.06.1
OIL FILLER NECK.....	B0.06.2
OELWANNE.....	B0.06.3
OELWANNE.....	B0.06.4
LUBRIC. OIL COOLER.....	B0.06.5
LUBRICAT. OIL LINE.....	B0.06.6
OIL PUMP.....	B0.06.7
LUBRICAT. OIL PUMP.....	B0.06.8
PLUG.....	B0.06.10
OIL INTAKE LINE.....	B0.06.11
OIL INTAKE LINE.....	B0.06.12
OIL RETURN.....	B0.06.13
FUEL INJECTION SYSTEM	
FASTENINGS.....	B0.07.0
FUEL INJECT. PUMP.....	B0.07.1
INJECT. PUMP DRIVE.....	B0.07.2
FUEL INJECTOR.....	B0.07.3
FUEL FILTER.....	B0.07.4
FUEL FILTER.....	B0.07.5
FUEL PIPE.....	B0.07.6
RELAY.....	B0.07.7
FUEL PRELIMINARY FILTER.....	B0.07.8
ENGAGEMENT.....	B0.07.9
FUEL SUPPLY PUMP.....	B0.07.10
FUEL SUPPLY PUMP.....	B0.07.11
COMMON RAIL.....	B0.07.12
MECHANICAL - ELECTRONIC GOVERNOR	
ELECTRONIC CONTROL UNIT - ENGINE.....	B0.08.0
COOLING	
V-GROOVED PULLEY.....	B0.09.0
V-GROOVED PULLEY.....	B0.09.1
COOLING WATER PIPE.....	B0.09.2
KUEHLWASSERLEITUNG.....	B0.09.3
KUEHLWASSERLEITUNG.....	B0.09.4

THERMOSTAT.....	B0.09.5
KUEHLMITTELPUMPE.....	B0.09.6
KUEHLMITTELPUMPE.....	B0.09.7
KEILRIPPENSCHIEBE.....	B0.09.8
INTAKE - EXHAUST MANIFOLDS	
GLUEHKERZE.....	B0.10.0
GLUEHKERZE.....	B0.10.1
MANIFOLD.....	B0.10.2
MANIFOLD.....	B0.10.3
MANIFOLD.....	B0.10.4
SCREW PLUG.....	B0.10.5
EXHAUST MANIFOLD.....	B0.10.6
EXHAUST MANIFOLD.....	B0.10.7
CONNECTION PIECE.....	B0.10.8
PIPING.....	B0.10.9
OIL PRESSUR.SWITCH.....	B0.10.10
SHAFT PROTECTOR - DRIVEN STEERING AXLE.....	B0.10.12
SHAFT PROTECTOR - DRIVEN STEERING AXLE.....	B0.10.13
AGR-KUEHLER.....	B0.10.14
TURBOCHARGER	
TURBOCHARGER.....	B0.11.0
Electrical accessories	
FASTENINGS.....	B0.12.0
FASTENINGS.....	B0.12.1
FASTENINGS.....	B0.12.2
IMPULSE TRANSMITTER.....	B0.12.3
GENERATOR.....	B0.12.3
GENERATOR.....	B0.12.4
KABELBAUM.....	B0.12.6
KABELBAUM.....	B0.12.7
KABELBAUM.....	B0.12.8
CONSOLE.....	B0.12.9
CONSOLE.....	B0.12.9
ELECTRICAL SYSTEM.....	B0.12.10
ELECTRICAL SYSTEM.....	B0.12.11
ELECTRICAL SYSTEM.....	B0.12.12
ELECTRICAL SYSTEM.....	B0.12.13
ELECTRICAL SYSTEM.....	B0.12.14
OIL PRESSURE SENSOR.....	B0.12.15
RELAY.....	B0.12.16
PROTECTING CAP.....	B0.12.17
PROTECTING CAP.....	B0.12.18
STARTER.....	B0.12.20
STARTER.....	B0.12.21

BELT STRETCHER.....	B0.12.21
BELT STRETCHER.....	B0.12.22
PLUG-IN CONNECTOR.....	B0.12.23
PLUG-IN CONNECTOR.....	B0.12.24
PLUG-IN CONNECTOR.....	B0.12.25
PLUG-IN CONNECTOR.....	B0.12.26
PLUG-IN CONNECTOR.....	B0.12.27
PLUG-IN CONNECTOR.....	B0.12.28
PLUG-IN CONNECTOR.....	B0.12.29
SENSOR - RPM - PTO.....	B0.12.30

5100

Section: B0 - ENGINE

Ref: B0.00.0 (1)

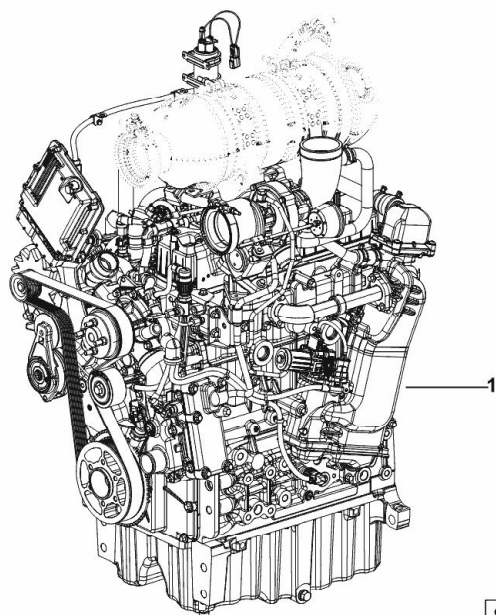
ENGINE TCD3.6L4 - 70kW EPA4i

Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:

- EXPORT U.S.A. [5100]

1	25010597	1	engine ON ORDERING PLEASE ENGINE NO. REQUIRED
---	----------	---	---



9_K6919_02_0-A-001

5100

Section: B0 - ENGINE

Ref: B0.00.4 (1)

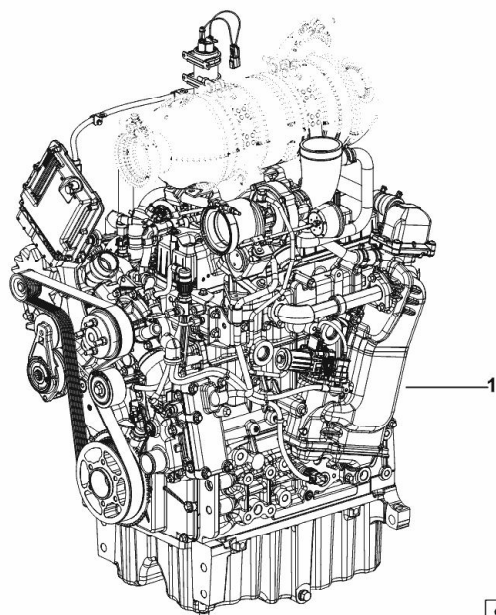
ENGINE TCD3.6L4 - 70kW2200E4i

Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:

[5100]

1	25010020	1	engine ON ORDERING PLEASE ENGINE NO. REQUIRED
---	----------	---	---



9_K6919_01_0-A-001

5100

Section: B0 - ENGINE

Ref: B0.01.0 (2)

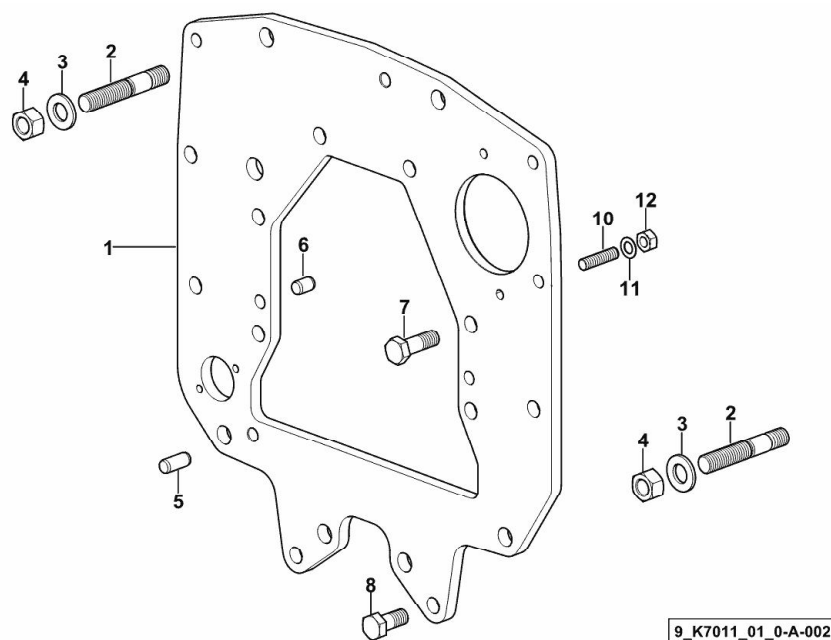
MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:

[5100]

1	0.019.1507.0/30	1	flange
2	2.0439.327.7	4	stud bolt m 16 p.1.5 x 75
3	2.1475.006.2	4	spring washer 16
4	2.1012.409.7	4	nut m 16
5	2.1651.912.0	2	cylindrical plug 12x28
6	2.1651.908.0	2	cylindrical plug 12x18
7	2.0113.515.2	6	screw m 14 p.2 x 40
8	2.0113.511.2	2	screw m 14 x 30 - 10.9
10	2.0432.155.7	2	stud bolt m 10 p.1.5 / p. 1.25 x 25
11	2.1470.006.2	2	lock washer 10
12	2.1011.421.2	2	nut m 10 p.1.25



SERIE GUARNIZIONI

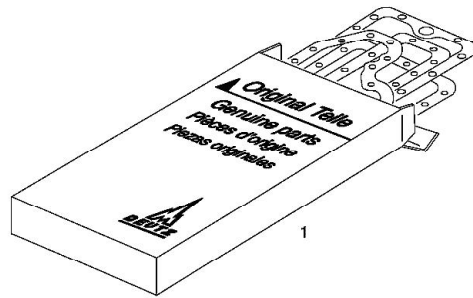
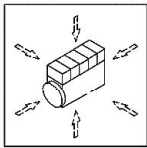
Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:

[5100]

Engine serial number:

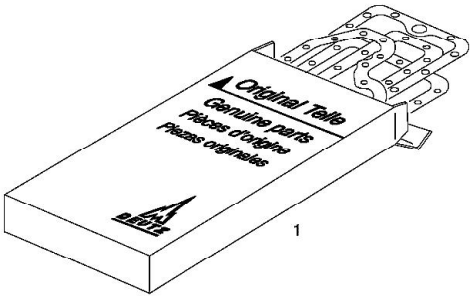
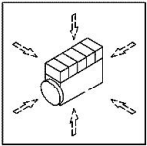
11385165 11385166 11385167 11385168 11400841 11400842 11400843 11400844 11400857 11400858 11400859
 11400860 11400861 11400862 11400863 11400864 11400865 11400866 11401032 11401033 11401034 11401035
 11401036 11401037 11401038 11401039 11401040 11401041 11401042 11401043 11406109 11406110 11406111
 11406112 11406113 11406114 11406115 11406116 11406117 11406118 11406119 11406120 11406121 11406122
 11406123 11406124 11406125 11406126 11406127 11406128 11414835 11414836 11414837 11414838 11414839
 11414840 11416131 11416132 11416133 11416134 11416135 11416136 11416137 11416138 11416139 11416140
 11418507 11418508 11418509 11418510 11419890 11419891 11419892 11419893 11419894 11419895 11420523
 11420524 11420525 11420526 11420527 11420528 11422478 11422479 11422480 11422481 11422482 11424411
 11424412 11424413 11424414 11424415 11424416 11424417 11427266 11427267 11427268 11427269 11427270
 11427271 11427272 11427273 11427274 11427275 11427276 11427277 11427278 11427279 11427280 11427281
 11427282 11440724 11440725 11440726 11440727 11440728 11440729 11440730 11440731 11440732 11440733
 11447764 11447765 11447766 11447767 11447768 11447769 11447770 11447771 11447772 11447773 11449006
 11449007 11449008 11449009 11449010 11449011 11449012 11449013 11449014 11449015 11450637 11450638
 11450639 11450640 11450641 11450642 11450643 11450644 11450645 11450646 11454209 11454210 11454211
 11454212 11454213 11454214 11454215 11454216 11454217 11454218 11459241 11459242 11459243 11459244
 11460173 11460174 11460175 11460176 11460177 11460178 11460699 11460700 11460701 11460702 11460703
 11460704 11460716 11461659 11461660 11461661 11461662 11461663 11462373 11462374 11462375 11462376
 11462377 11464904 11465843 11465844 11467477 11467478 11467479 11467480 11467481 11467482 11467483 11467484
 11467485 11467486 11467487 11467488 11468750 11468751 11468752 11469271 11469272 11469273 11469274
 11470091 11470570 11470571 11470572 11470573 11471371 11471372 11471373 11471374 11471798 11477378
 11477379 11477380 11477394 11477395 11477396 11477397 11477398 11477399 11480302 11480303 11480304
 11480312 11480313 11480314 11480315 11480316 11480317 11481945 11481946 11483309 11483321 11483322
 11485858 11485859 11485860 11485861 11485862 11485863 11485864 11485865 11485866 11486626 11486627
 11488261 11488262 11488263 11488264 11488265 11494531 11494532 11494533 11494534 11494535 11494536
 11494537 11494538 11494556 11494557 11494558 11494559 11494560 11499383 11499384 11499385 11499400
 11499413 11499414 11499415 11499879 11499880 11500609 11501055 11501067 11501068 11501069 11501070
 11509270 11509271 11509272 11509273 11509274 11509285 11509286 11510546 11510547 11510548 11510549
 11510550 11510551 11510552 11510553 11510554 11510555 11510556 11510557 11510558 11510559 11510560
 11511477 11511478 11511479 11511480 11512226 11512227 11512228 11512229 11512230 11512231 11512232
 11512233 11512234 11512235 11512236 11512237 11512238 11515381 11515382 11515383 11515384 11515385
 11515386 11515387 11515388 11515389 11515390 11520410 11520411 11520412 11520413 11520414 11520415
 11520416 11520417 11520418 11520419 11520420 11520421 11520422 11523245 11523246 11523247 11523248
 11523249 11523250 11523251 11523252 11523253 11524787 11524788 11524789 11524790 11524791 11524792
 11524793 11524794 11524795 11524796 11524797 11550839 11550840 11550841 11550842 11550843 11550844
 11550845 11550846 11550847 11550848 11550849 11550850 11550851 11550852 11550853 11552442 11552443
 11552444 11552445 11552446 11552447 11552448 11552449 11552450 11552451 11552452 11552453 11552454
 11552455 11552456 11559948 11559949 11559950 11563245 11563246 11563247 11571724 11571725 11571726
 11571727 11571728 11572597 11572598 11572599 11572600 11572601 11572602 11572603 11572604 11572605
 11572606 11572607 11572608 11572609 11572610 11572611 11572612 11572613 11572614 11572615 11572616
 11572617 11572618 11572619 11572620 11572621 11572622 11572623 11572624 11572625 11572626 11573436
 11573437 11573438 11573731 11573732 11573733 11573734 11573735 11573736 11573737 11573738 11573739
 11573740 11573741 11573742 11573743 11573744 11573745 11573746 11573747 11573748 11573749 11573750
 11573751 11573752 11573753 11573754 11573755 11573756 11573757 11573758 11573759 11573760 11573761
 11573762 11573763 11573764 11573765 11573805 11573806 11573807 11573808 11573809 11573810 11575857



Section: B0 - ENGINE
SERIE GUARNIZIONI

Ref: B0.01.1

Fig.	P/n	QTY	Name
11575858 11575859 11575860 11575861 11575862 11575863 11575864 11575865 11575866 11575867 11575868 22000648 22000710 22000726 22000803 22000805 22000824 22000830 22000869 22000876 22000877 22000878			
1	02937754	1	gasket set



000 ©