

# CA2500

---

## Spare parts list

### Vibratory roller

CA2500D/PD s/n 10000137xxA012943 - 020926

Engine: Cummins QSB 4.5 (IIIA/T3)



## General information

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

### **Instructions for use**

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts.

For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs.

Please observe the safety instructions listed in the relevant Safety and operating instructions!

CA2500D/PD (IIIA/T3) SN 10000137xxA012943 -	1
---	---

**Service kits, non-remote engine oil filter**

4812156993 Service kit, 50h Plus	3
4812159996 Service kit, 50h Plus Limited slip Rear axle	5
4812160173 Service kit, 500h Plus Cummins QSB 4.5	7
4812160172 Service kit, 500h Cummins QSB 4.5	9
4812160175 Service kit, 1000h Plus Cummins QSB 4.5	11
4812160174 Service kit, 1000h Cummins QSB 4.5	13
4812160178 Start up kit Cummins QSB 4.5	15
4812160177 Service kit, 2000h Plus Cummins QSB 4.5	17
4812160176 Service kit, 2000h Cummins QSB 4.5	19

**Service kits, remote engine oil filter**

4812156993 Service kit, 50h Plus	See page 3
4812159996 Service kit, 50h Plus Limited slip Rear axle	See page 5
4812158281 Service kit, 500h Plus Cummins QSB 4.5	21
4812158369 Service kit, 500h Cummins QSB 4.5	23
4812158282 Service kit, 1000h Plus Cummins QSB 4.5	25
4812158283 Service kit, 1000h Cummins QSB 4.5	27
4812158370 Start up kit Cummins QSB 4.5	29
4812158582 Service kit, 2000h Plus Cummins QSB 4.5	31
4812158583 Service kit, 2000h Cummins QSB 4.5	33

**Repair kits**

Eccentric shaft kit	35
4812157275 Drum rotation kit	37
4812158579 Shock absorber kit, drum	39

**Frame**

Frame, front	41
--------------	----

**Steering hitch, To A016439**

4812117507 Steering hitch, cpl	43
--------------------------------	----

**Steering hitch, From A016440**

Steering hitch module	45
4812114990 Steering hitch, cpl	47

**Scrapers, option**

Scrapers, option	49
Scraper module Steel	51
Scraper module Rubber	53
Scraper assy	55
Scraper module PD	57
Scraper module PD Heavy duty	59
Scraper mount	61
Frame, rear	63
Frame, rear	65
Cover assembly	67
Step module	69
Step assy	71
Tool box module, Option	73
Engine structure	75
Engine hood	77
4812120749 Engine hood, cpl	79
4812118994 Lock handle, cpl	81
Fender module	83
Hinge module	85
Lock handle assy	87
Gas spring module	89
Safety link module	91

**Drum**

Drum, cpl	93
4812113266 Drum gear	97
4812112198 Hydraulic motor	99
Vibration motor adapter	105
Tooth wheel module	107
<b>Drum cartridges (D-version)</b>	
4812158091 Drum cartridge, vibration side (D version)	109
4812158096 Drum cartridge with shaft nut, vibration side (D version)	111
4812158086 Drum cartridge, drive side (D version)	113
<b>Drum cartridges (PD-version)</b>	
4812158090 Drum cartridge, vibration side (PD version)	115
4812158095 Drum cartridge with shaft nut, vibration side (PD version)	117
4812158085 Drum cartridge, drive side (PD version)	119
Pad shell, option	121
<b>Engine</b>	
Engine	123
Diesel engine	127
Belt guard module	129
Bracket module	131
Cooling system	133
<b>Cooler stand module To A015844</b>	
Cooler stand module	135
<b>Cooler stand module From A015845</b>	
Cooler stand module	138
Hose assy kit	141
Air cleaner	143
Air cleaner module	145
<b>Fuel system</b>	
Fuel system	147
Fuel tank module	149
Fuel tank	151
Brackets assy	153
Fuel hoses	155
Draining module, option	157
Exhaust system	159
Expansion tank assembly	161
<b>Transmission</b>	
Rear axle and wheels	163
<b>4812113344 Rear axle, limited slip</b>	
4812113344 Rear axle, limited slip	165
Differential & Bevel gear	167
Brakes	169
Hub reduction	171
<b>4812113341 Rear axle No spin</b>	
4812113341 Rear axle No spin	173
Differential	175
Central housing and brakes	177
Hub reduction	179
<b>Hydraulic system</b>	
<b>Hydraulic system, drum (D) Traction control, dual speed</b>	
Hydraulic system, drum (D) Traction control, dual speed	181
Hydraulic motor	183

**4812112215 Hydraulic motor**

4812112215 Hydraulic motor ..... 185  
Rotary group ..... 187  
Flush and boost pressure valve ..... 189  
Cover with shaft seal ring ..... 191  
Hydraulic valve module ..... 193  
4812113687 Hydraulic valve ..... 195

**Hydraulic system, drum (PD) Traction control, dual speed**

Hydraulic system, drum (PD) Traction control, dual speed ..... 197  
Hydraulic motor ..... See page 183

**4812112215 Hydraulic motor**

4812112215 Hydraulic motor ..... See page 185  
Rotary group ..... See page 187  
Flush and boost pressure valve ..... See page 189  
Cover with shaft seal ring ..... See page 191  
Hydraulic motor ..... 199

**4812112200 Hydraulic motor**

4812112200 Hydraulic motor ..... 201  
Loop flushing ..... 205

**Hydraulic system, drum Anti-spin system**

Hydraulic system, drum Anti-spin system ..... 207  
Hydraulic motor ..... See page 183

**4812112215 Hydraulic motor**

4812112215 Hydraulic motor ..... See page 185  
Rotary group ..... See page 187  
Flush and boost pressure valve ..... See page 189  
Cover with shaft seal ring ..... See page 191  
Hydraulic motor ..... 209

**4812112202 Drum motor**

4812112202 Drum motor ..... 211  
Drum motor. Front section ..... 213  
Loop flushing ..... 215  
Drum motor. Rear section ..... 217

**Hydraulic system, rear axle Traction control, limited slip**

Hydraulic system, rear axle Traction control, limited slip ..... 219  
Hydraulic motor ..... 221

**4812112208 Rear axle motor**

4812112208 Rear axle motor ..... 223  
Front section ..... 225  
Rear section ..... 227  
Hose holder ..... 229

**Hydraulic system, rear axle Traction control, no slip**

Hydraulic system, rear axle Traction control, no slip ..... 231  
Hydraulic motor ..... 233

**4812112211 Rear axle motor**

4812112211 Rear axle motor ..... 235  
Loop flusing ..... 239  
4812122932 Hydraulic motor ..... 241  
Hose holder ..... See page 229

**Hydraulic system, rear axle Anti-spin system**

Hydraulic system, rear axle Anti-spin system ..... 245  
Hydraulic motor ..... 247

**4812112210 Rear axle motor**

4812112210 Rear axle motor ..... 249  
Front section ..... 251  
Rear section ..... 255  
Hose holder ..... See page 229

**Hydraulic system, rear axle Dual speed**

Hydraulic system, rear axle Dual speed ..... 257  
Hydraulic motor ..... 259  
4812112207 Axle motor ..... 261  
Hose holder ..... See page 229

**Hydraulic system, oil tank**

Hydraulic system, oil tank ..... 265  
Hydraulic oil tank assembly ..... 267  
Hydraulic valve module ..... 271  
4812120840 Hydraulic valve ..... 273  
4812112238 Hydraulic valve ..... 275  
Connector assy ..... 277  
Fan module ..... 279  
4812117796 Hydraulic motor ..... 281

**Hydraulic system, engine room**

Hydraulic system, engine room ..... 283  
Hydraulic pump module ..... 285

**4812112170 Hydraulic pump, propul pump**

4812112170 Hydraulic pump, propul pump ..... 287  
Front section ..... 289  
Rear section ..... 291  
Hydraulic pump module ..... 295  
Hydraulic oil filter assy ..... 297  
Hydraulic pump module ..... 299  
4812118150 Hydraulic pump, steering ..... 301

**Hydraulic system, engine room Adjustable frequency, eco opti**

Hydraulic system, engine room Adjustable frequency, eco opti ..... 303  
Hydraulic pump module ..... See page 285

**4812112170 Hydraulic pump, propul pump**

4812112170 Hydraulic pump, propul pump ..... See page 287  
Front section ..... See page 289  
Rear section ..... See page 291  
Hydraulic pump ..... 305  
4812112180 Hydraulic pump ..... 307  
Hydraulic oil filter assy ..... See page 297  
Hydraulic pump module ..... See page 299  
4812118150 Hydraulic pump, steering ..... See page 301  
Hydraulic pump module, Eco ..... 309  
4812118151 Hydraulic pump ..... 311

**Hydraulic system, frame rear**

Hydraulic system, frame rear ..... 313  
Connector kit ..... 315  
Connector kit ..... 317

**Hydraulic system, steering**

Hydraulic system, steering ..... 319  
Hydraulic cylinder ..... 321  
4812121946 Hydraulic cylinder ..... 323  
Hydraulic cylinder ..... 325  
Steering valve module ..... 327  
Hydraulic hoses, steering ..... 329

## Hydraulic system, emergency steering

Hydraulic system, emergency steering	331
4812112188 Hydraulic pump Emergency steering unit	333
4812112236 Hydraulic valve	335

## Electric equipment

### Electric cables, power supply, 1-pole

Electric cables, power supply, 1-pole	337
Battery module	339
Battery disconnecter module	341

### Electric cables, power supply, 2-pole, option

Electric cables, power supply, 2-pole, option	343
Battery module	See page 339
Battery disconnecter, 2-pole	345

### Electrical cables, engine - ECU Horn, back-up alarm

Electrical cables, engine - ECU Horn, back-up alarm	347
Standard ECU assembly	350
Power converter module	353
Inclination sensor module	355
Inclination sensor module	357
Back-up alarm module	359
Back-up alarm module, Quacker	361
Bracket module	363
Cable harness kit Power supply cab	365

### Driving & side direction lights, number plate light, option

Driving & side direction lights, number plate light, option	367
Steering column switch module	369
Cable harness kit	371
Registration plate light module	373
Registration plate light	375
Holder, Registration plate light	377
Reversing light module	379

### DCA/GPS equipment module, option

DCA/GPS equipment module, option	381
Holder	383
GPS equipment module	385
GPS equipment assy	387
Computer	389

### Tachograph, option

Tachograph, option	391
Holder assy	393
Power supply module	395

### Speed sensor, frequency sensor, option

Speed sensor, frequency sensor, option	397
Pulse sensor module (G-pol)	399

### Pre-heater installation, option

Pre-heater installation, option	401
Heater	403

### Rotating beacon, working light, option

Rotating beacon, working light, option	405
Rotating beacon module	407
Bracket, Rotating beacon	409
Working light module H3	411
Cable harness, emergency steering, option	413

Displacement shift .....	415
--------------------------	-----

**Compaction meter, option**

Compaction meter, option .....	417
Power supply .....	419
External emergency stop, option .....	421

**Drivers platform**

**Platform, rops**

Platform, rops .....	423
----------------------	-----

**4812120545 Platform with 4-post ROPS**

4812120545 Platform with 4-post ROPS .....	425
Basic kit Rops, roof, front handrail .....	427
Rear cover .....	429
Handrail .....	431
Cab, basic kit .....	433
Manual box .....	435
Decals basic kit .....	437

**Cab symmetric module**

Cab symmetric module .....	439
----------------------------	-----

**4812119366 Cab, cpl Comfort**

4812119366 Cab, cpl Comfort .....	441
Screens .....	443
4812115202 Cab door, cpl .....	445
4812115200 Sliding screen, left hand .....	447
Windshield wiper .....	449
Roof .....	451
Heater assy .....	453
Hose kit heater .....	455
Cab Interior .....	457
Heater controls .....	459
Cab cable harness .....	461
Cab, electrical equipment .....	463
Emergency hammer, hook .....	465
Cab, rear cover .....	467
Cab, front cover .....	469
Floor mat .....	471
Step light, front wiper switches .....	473
Cab, basic kit .....	See page 433
Air channel .....	475
Sun-blind, inner light .....	477

**4812119367 Cab, cpl Basic**

4812119367 Cab, cpl Basic .....	479
Screens .....	See page 443
4812115202 Cab door, cpl .....	See page 445
4812115200 Sliding screen, left hand .....	See page 447
Windshield wiper .....	See page 449
Hose kit heater .....	See page 455
Roof .....	See page 451
Heater assy .....	See page 453
Cab cable harness .....	See page 461
Cab, electrical equipment .....	See page 463
Cab Interior .....	See page 457
Heater controls .....	See page 459
Emergency hammer, hook .....	See page 465
Cab, rear cover .....	481
Cab, front cover .....	483
Wiper switch, front .....	485
Cab, basic kit .....	See page 433



Manual box	See page 435
Decals basic kit	See page 437
Car stereo module, option	487
Rear view mirror	489

### Drivers seat

Drivers seat	491
Seat frame structure	493
4700391163 Steering column	495
Floor cassette module	497
Control module	499
Seat comfort, fabric suspended	501
Seat, galon suspended	503
Forward reverse control module	505

### Seat belts

Seat belt 2"	509
Seat belt 3"	511
Seat belt 2" with reminder	513
Seat belt 3" with reminder	515
Display unit	517
Control panel cover	519
Reading light	521
Seat frame adapter module, rotating	523
Seat frame adapter module, fixed	525
Heater hoses	527

### Decals

Decals	529
Decals	533
Plain Dynapac decals, kit	535

### Optional equipment

#### Air conditioning

Air conditioning	537
Drying filter module	539
4812114257 Drying filter assy	541
Condensor assembly	543
ACC module	545
4812113624 ACC kit	547
AC module	549
4812113623 Evaporator, cpl	551
Hose kit AC	553
Compressor module	555
Hose assy kit for AC	557

#### Strike off blade kit

Strike of blade kit	559
Hydraulic and Electrical kit	561
4812113498 Hydraulic valve, Strike-off blade	563
4812121948 Hydraulic cylinder	565
Strike off blade, mount	567
Locking device, module	569
Indicator, module	571

#### Fire extinguisher/First Aid Cushion

Fire extinguisher/First Aid Cushion	573
Fire extinguisher	575

#### Level sensor module, option

Level sensor module, option	577
-----------------------------	-----

### SMV-sign

SMV-sign .....	579
----------------	-----

**Cooling box module**

Cooling box module .....	581
--------------------------	-----

**Lunch box**

Lunch box .....	583
-----------------	-----

Dyn@Link module .....	585
-----------------------	-----

4812013038 GPS module .....	587
-----------------------------	-----

Compaction meter (DCM) .....	589
------------------------------	-----

Dyn@lyzer .....	591
-----------------	-----

Appendix B:Parts Index .....	593
------------------------------	-----

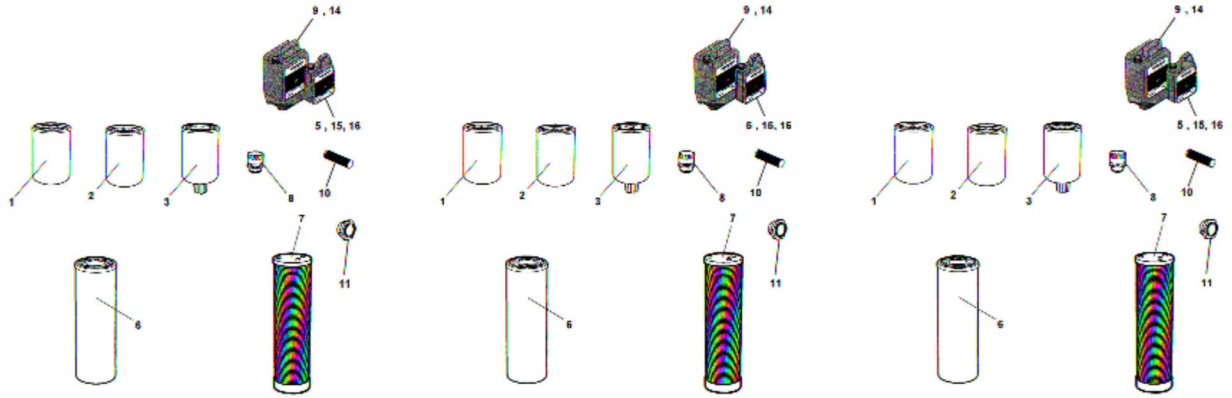


CA2500D/PD (IIIA/T3) SN 10000137xxA012943 -



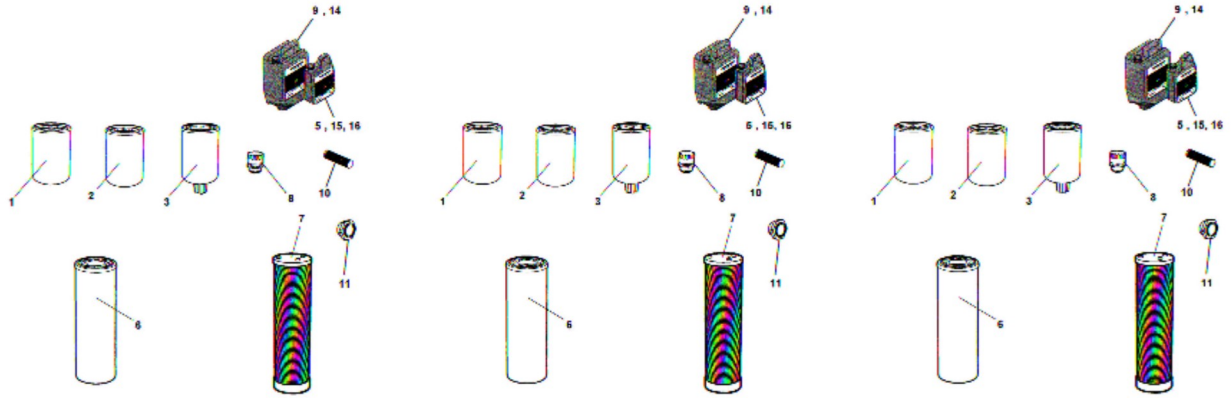
Item	Part No.	Name	Qty	L	SN INFO
1	-	Service kits	1		
2	-	Repair kits	1		
10	-	Frame	1		
20	-	Drum	1		
30	-	Engine	1		
40	-	Transmission	1		
50	-	Hydraulic system	1		
60	-	Electrical Equipment	1		
70	-	Drivers platform	1		
80	-	Decals	1		
91	-	Optional equipment	1		

**Service kits, non-remote engine oil filter 4812156993 Service kit, 50h Plus**



Item	Part No.	Name	Qty	L	SN INFO
-	4812156993	Service kit, 50h Plus			
6	4812112262	Hydraulic oil filter element	1		
15	4812161887	Dynapac Drum oil 1000 / 5 ltr.	1		
16	4812161883	Dynapac Gear Oil 300 / 5 ltr.	1		

**Service kits, non-remote engine oil filter** 4812159996 Service kit, 50h Plus Limited slip Rear axle





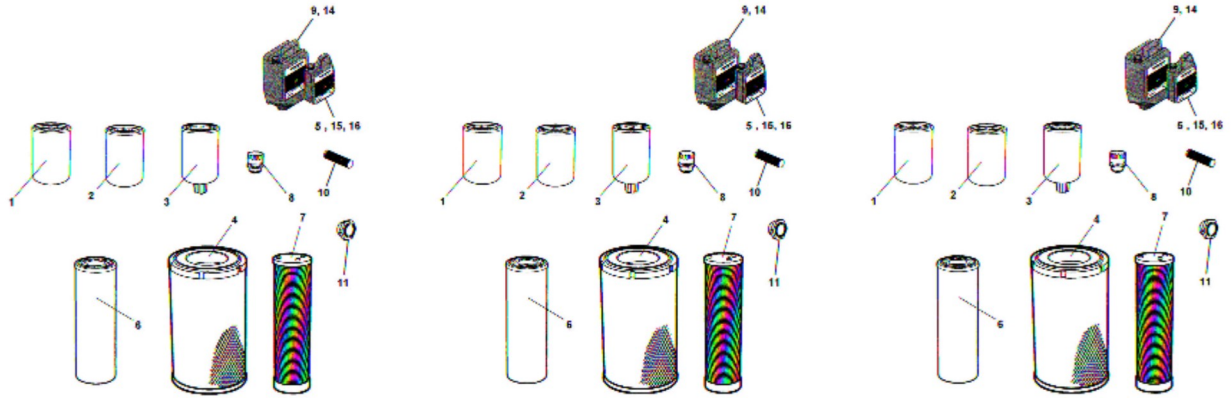
Item	Part No.	Name	Qty	L	SN INFO
-	4812159996	Service kit, 50h Plus Limited slip Rear axle			
6	4812112262	Hydraulic oil filter element	1		
14	4812161884	Dynapac Gear oil 300 / 20 ltr.	1		
15	4812161887	Dynapac Drum oil 1000 / 5 ltr.	1		
16	4812161883	Dynapac Gear Oil 300 / 5 ltr.	1		

---

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Nov 14 15:02:32 UTC 2018

**Service kits, non-remote engine oil filter** 4812160173 Service kit, 500h Plus Cummins QSB 4.5



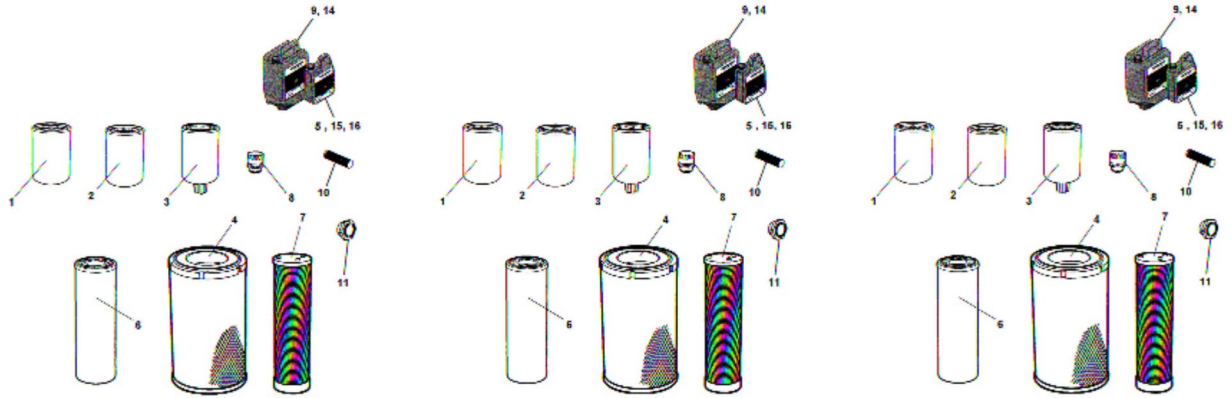
Item	Part No.	Name	Qty	L	SN INFO
-	4812160173	Service kit, 500h Plus Cummins QSB 4.5			
1	4700945145	Oil filter element	1		
2	4700945624	Filter, fuel	1		
3	4700945147	Fuel prefilter	1		
4	4700394686	Air filter, main	1		
5	4812161855	Dynapac Engine Oil 200 / 5 ltr.	3		

---

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Nov 14 15:02:32 UTC 2018

**Service kits, non-remote engine oil filter 4812160172 Service kit, 500h Cummins QSB 4.5**



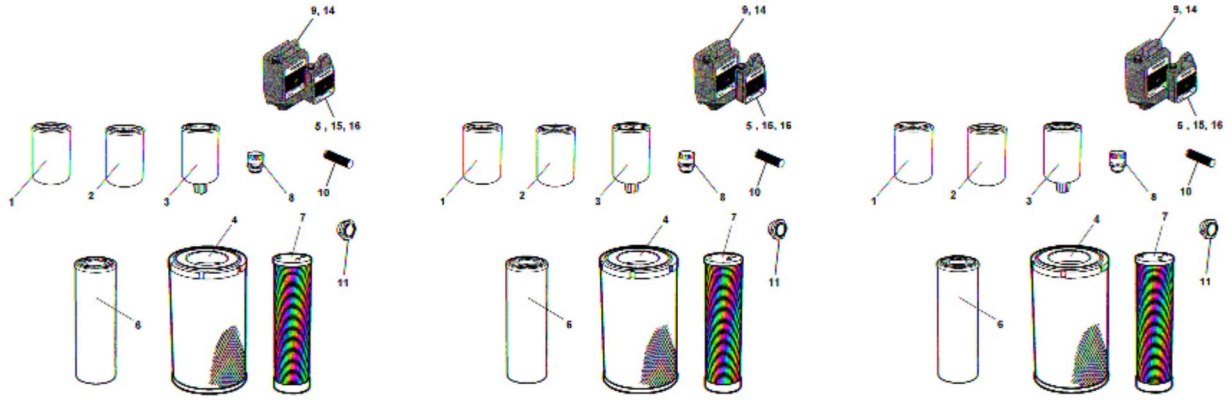
Item	Part No.	Name	Qty	L	SN INFO
-	4812160172	Service kit, 500h Cummins QSB 4.5			
1	4700945145	Oil filter element	1		
2	4700945624	Filter, fuel	1		
3	4700945147	Fuel prefilter	1		
4	4700394686	Air filter, main	1		

---

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Nov 14 15:02:32 UTC 2018

**Service kits, non-remote engine oil filter** 4812160175 Service kit, 1000h Plus Cummins QSB 4.5

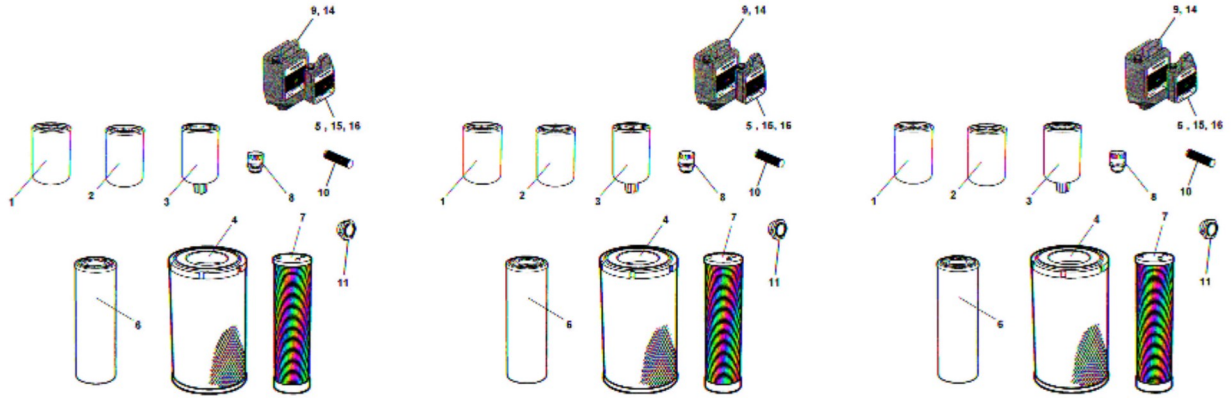


Item	Part No.	Name	Qty	L	SN INFO
-	4812160175	Service kit, 1000h Plus Cummins QSB 4.5			
1	4700945145	Oil filter element	1		
2	4700945624	Filter, fuel	1		
3	4700945147	Fuel prefilter	1		
4	4700394686	Air filter, main	1		
5	4812161855	Dynapac Engine Oil 200 / 5 ltr.	3		
6	4812112262	Hydraulic oil filter element	1		
7	4700394687	Air filter, safety	1		
8	4700357138	Ventilating filter	1		
9	4812161884	Dynapac Gear oil 300 / 20 ltr.	1		
10	4812030096	Dynapac Roller Grease	1		
16	4812161883	Dynapac Gear Oil 300 / 5 ltr.	1		

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Nov 14 15:02:32 UTC 2018

**Service kits, non-remote engine oil filter 4812160174 Service kit, 1000h Cummins QSB 4.5**





Item	Part No.	Name	Qty	L	SN INFO
-	4812160174	Service kit, 1000h Cummins QSB 4.5			
1	4700945145	Oil filter element	1		
2	4700945624	Filter, fuel	1		
3	4700945147	Fuel prefilter	1		
4	4700394686	Air filter, main	1		
6	4812112262	Hydraulic oil filter element	1		
7	4700394687	Air filter, safety	1		
8	4700357138	Ventilating filter	1		

THANK YOU FOR VISITE WITH

[www.repair-manuals.com](http://www.repair-manuals.com)

**DOWNLOAD THIS FULL MANUAL**

**Until download and place it on your computer We care with you ,We really try our best to complete your orders, so your review is very important to us to improve our services**

WE OFFER

ORIGINAL FACTORY MANUALS , WORKSHOP  
MANUALS , SERVICE MANUALS , REPAIR

OUR VISION : 100 % CUSTOMER SATISFACTION,  
AFTER SALE SERVICE AND KEEP IN TOUCH WITH