

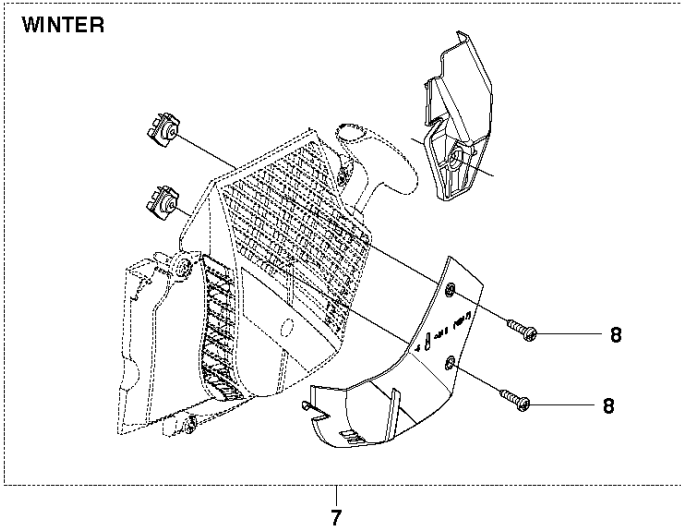
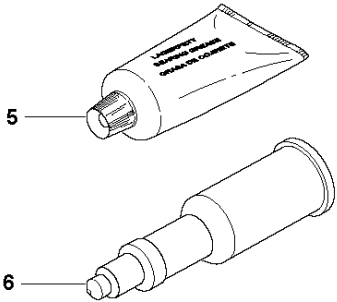
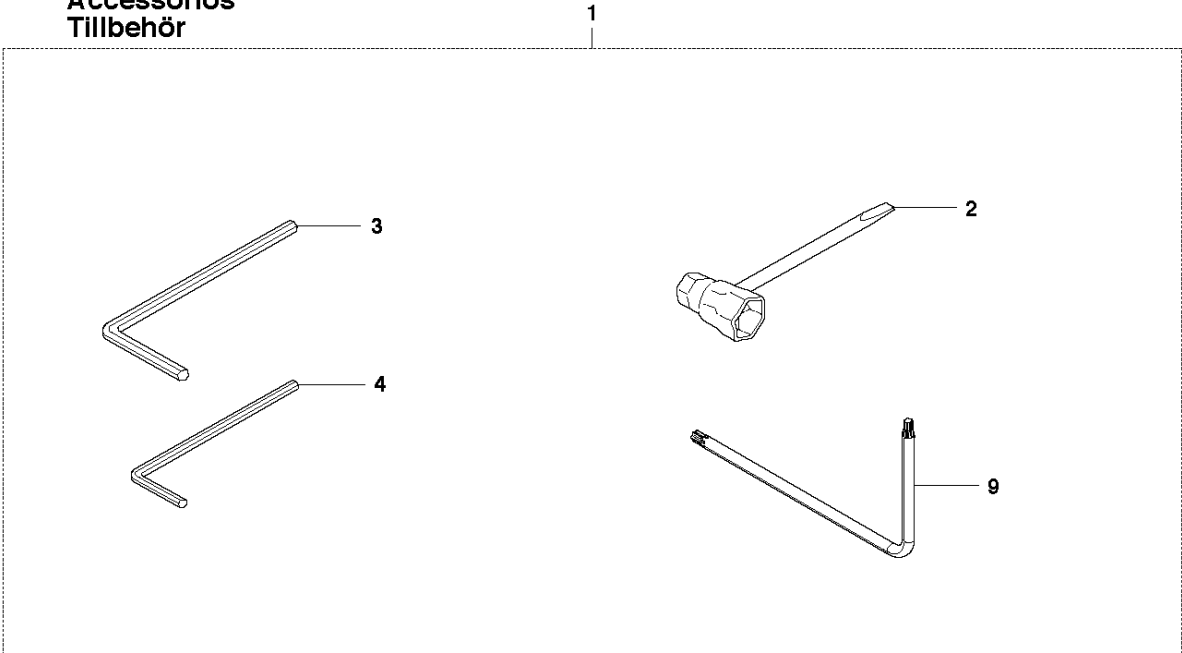


# SPARE PARTS LIST

CHAIN SAWS

CS2166 from 2017-11 -

**Q** CS2166  
Accessories  
Zubehöre  
Accessories  
Accesorios  
Tillbehör



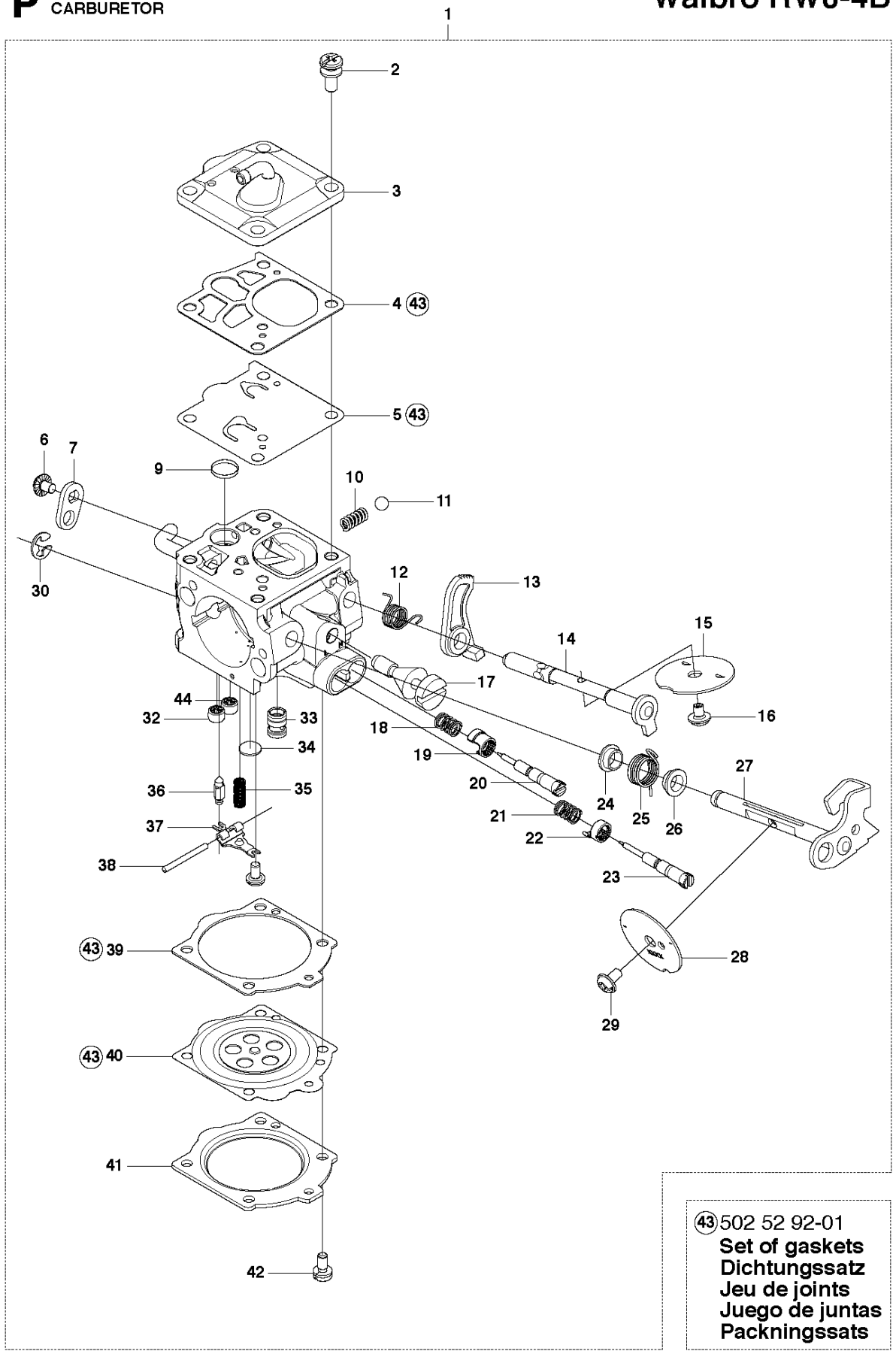
## ACCESSORIES

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	588 79 74-01	TOOL		1	1
2	501 69 17-01	COMBINATION WRENCH		1	1
3	503 55 86-02	SPANNER	NV5	1	1
4	503 55 86-01	SPANNER	NV4	1	1
5	503 62 12-01	GREASE		1	
6	501 91 14-01	GREASE GUN		1	
7	503 96 90-12	WINTER KIT	WINTER	1	
8	586 50 52-01	SCREW CITXPANT		2	7
9	575 88 07-01	WRENCH	TORX T27/T20	1	1

**P** CS2166  
CARBURETOR

**Walbro RWJ-4B**

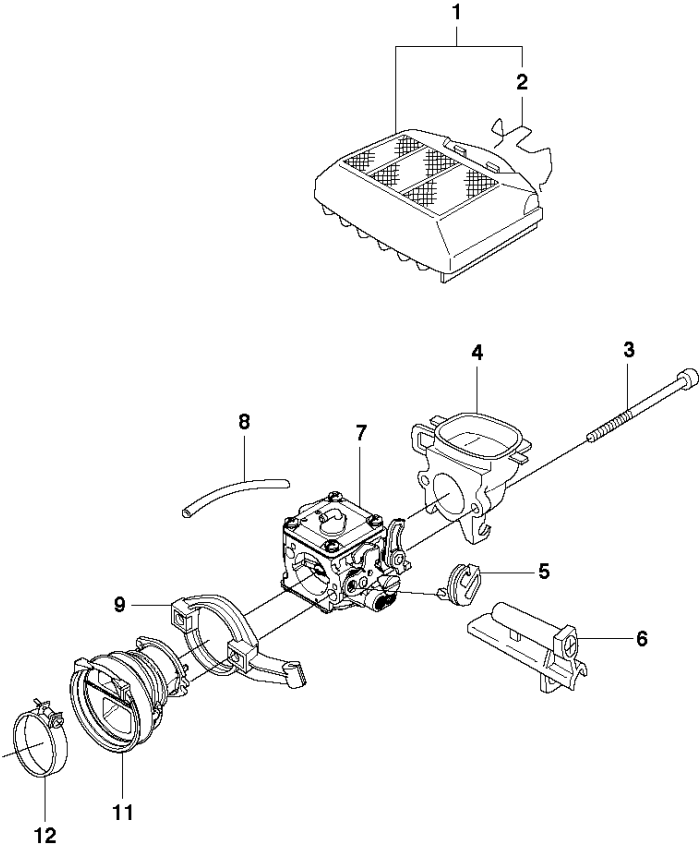


## CARBURETOR

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	581 10 07-01	CARBURETTOR	Walbro RWJ-4B	1	
2	503 11 75-01	SCREW		1	1
3	522 92 35-01	PUMP COVER		1	1
4	503 11 72-01	GASKET		1	1, 43
5	544 89 72-01	DIAPHRAGM PUMP		1	1, 43
6	501 46 87-01	SCREW		1	1
7	504 79 07-01	LEVER		1	1
9	501 66 61-01	SCREEN		1	1
10	503 11 77-01	SPRING		1	1
11	503 11 71-01	BALL		1	1
12	504 79 15-01	SPRING		1	1
13	537 40 92-01	LEVER		1	1
14	504 79 05-01	SHAFT ASSY		1	1
15	544 89 68-01	VALVE		1	1
16	537 00 34-01	SCREW		1	1
17	504 79 11-01	SCREW	s/n up to - 20131800192	1	1
17	585 18 67-01	IDLE SPEED SCREW	s/n from 20131800193 -	1	1
18	544 97 10-01	SPRING		1	1
19	544 97 08-01	LIMITER CAP		1	1
20	522 92 39-01	NEEDLE		1	1
21	544 97 10-01	SPRING		1	1
22	544 97 08-01	LIMITER CAP		1	1
23	544 97 13-01	NEEDLE		1	1
24	502 10 31-01	BUSHING		1	1
25	504 79 14-01	SPRING	s/n up to - 20131800192	1	1
25	576 13 82-01	SPRING	s/n from 20131800193 -	1	1
26	502 10 31-01	BUSHING		1	1
27	522 92 37-01	SHAFT ASSY		1	1
28	522 92 38-01	VALVE	s/n up to - 20131800192	1	1
28	577 65 79-01	VALVE	s/n from 20131800193 -	1	1
29	537 00 34-01	SCREW		1	1
30	505 31 67-36	RING		1	1
32	522 92 41-01	CHECK VALVE	s/n up to - 20131800192	1	1
32	580 64 23-01	CHECK VALVE	s/n from 20131800193 -	1	1
33	503 78 61-01	NOZZLE ASSY	s/n up to - 20131800192	1	1
33	577 69 98-01	MAIN NOZZLE	s/n from 20131800193 -	1	1
34	504 79 08-01	PLUG		1	1
35	504 79 12-01	SPRING		1	1
36	503 56 34-01	INLET		1	1
37	505 31 67-34	LEVER		1	1
38	505 31 67-31	PIN-METERING LEVER		1	1
39	501 46 75-01	GASKET		1	1, 43
40	503 63 48-01	SPRING	s/n up to - 20131800192	1	1, 43
40	503 63 58-01	DIAPHRAGM ASSY	s/n from 20131800193 -	1	1
41	505 31 67-02	COVER		1	1
42	503 10 87-01	SCREW		1	1
43	502 52 92-01	GASKET KIT	Set of gaskets	1	1
44	577 69 97-01	CHECK VALVE		1	1

**F** CS2166  
CARBURETOR & AIRFILTER

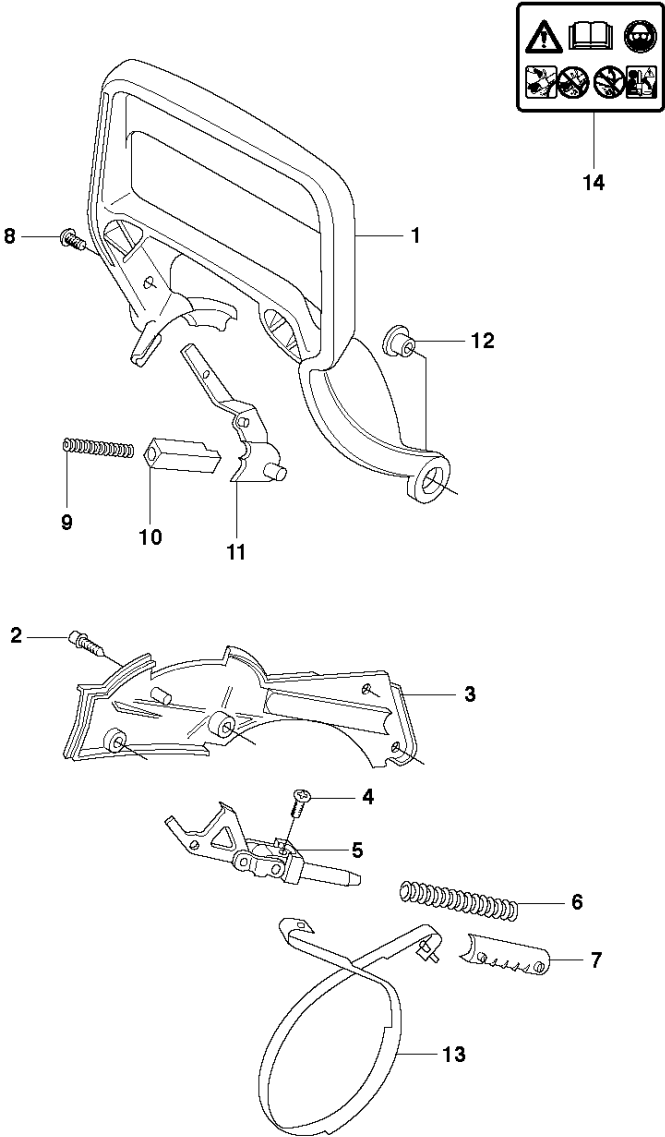


## CARBURETOR &amp; AIR FILTER

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	575 26 91-01	AIR FILTER ASSY	80 My	1	
1	575 26 91-02	AIR FILTER ASSY	44 My	1	
1	575 26 91-03	AIR FILTER ASSY	Felt	1	
2	503 73 54-01	CLAMP		1	1
3	581 14 30-02	SCREW ITXSCM		2	
4	515 98 29-02	FILTER HOLDER		1	
5	503 68 41-01	LEVER		1	
6	522 41 88-01	GUIDE SLEEVE		1	
7	581 10 07-01	CARBURETTOR	Walbro RWJ-4B	1	
8	503 40 06-04	IMPULSE HOSE		1	
9	522 44 62-01	FLANGE		1	
11	521 99 25-03	INLET PIPE		1	
11	521 99 25-04	INLET PIPE	For cold conditions	1	
12	505 28 33-11	HOSE CLAMP		1	

**L** CS2166  
CHAIN BRAKE



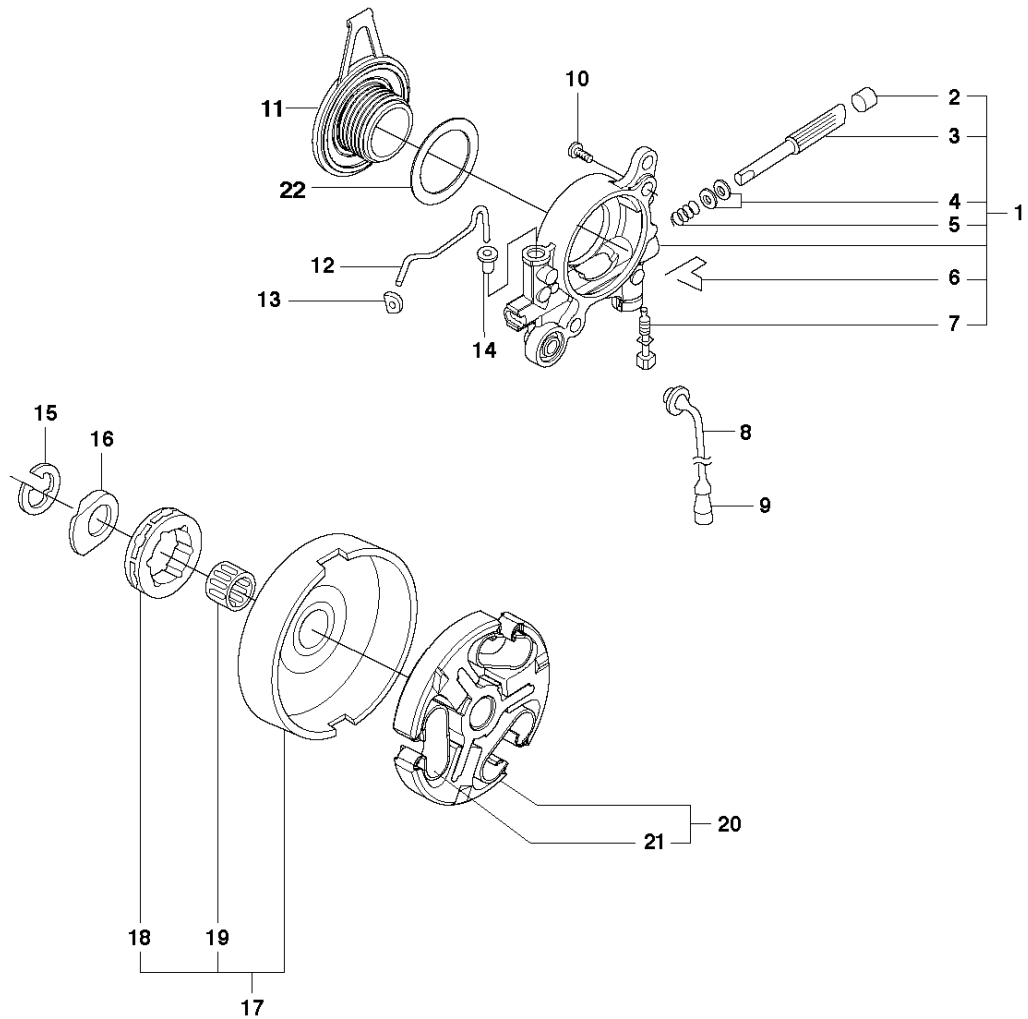


## CHAIN BRAKE

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	576 25 59-01	HAND GUARD		1	
2	525 75 52-01	SCREW ITXSCFM		4	
3	503 75 11-03	HUB CAP		1	
4	525 88 74-02	SCREW CITXPANT		1	
5	501 87 53-03	KNEE JOINT		1	
6	503 70 99-02	BRAKE SPRING		1	
7	503 79 27-02	SUPPORT		1	
8	586 43 85-01	SCREW ITXSCM		1	
9	503 43 65-01	POSITION SPRING		1	
10	503 83 81-02	LOCK		1	
11	537 00 87-01	BRAKE LEVER		1	
12	503 77 52-01	BUSHING		1	
13	503 75 22-02	BRAKE BAND ASSY		1	
14	503 98 74-01	LABEL		1	1

**B** CS2166  
CLUTCH & OIL PUMP

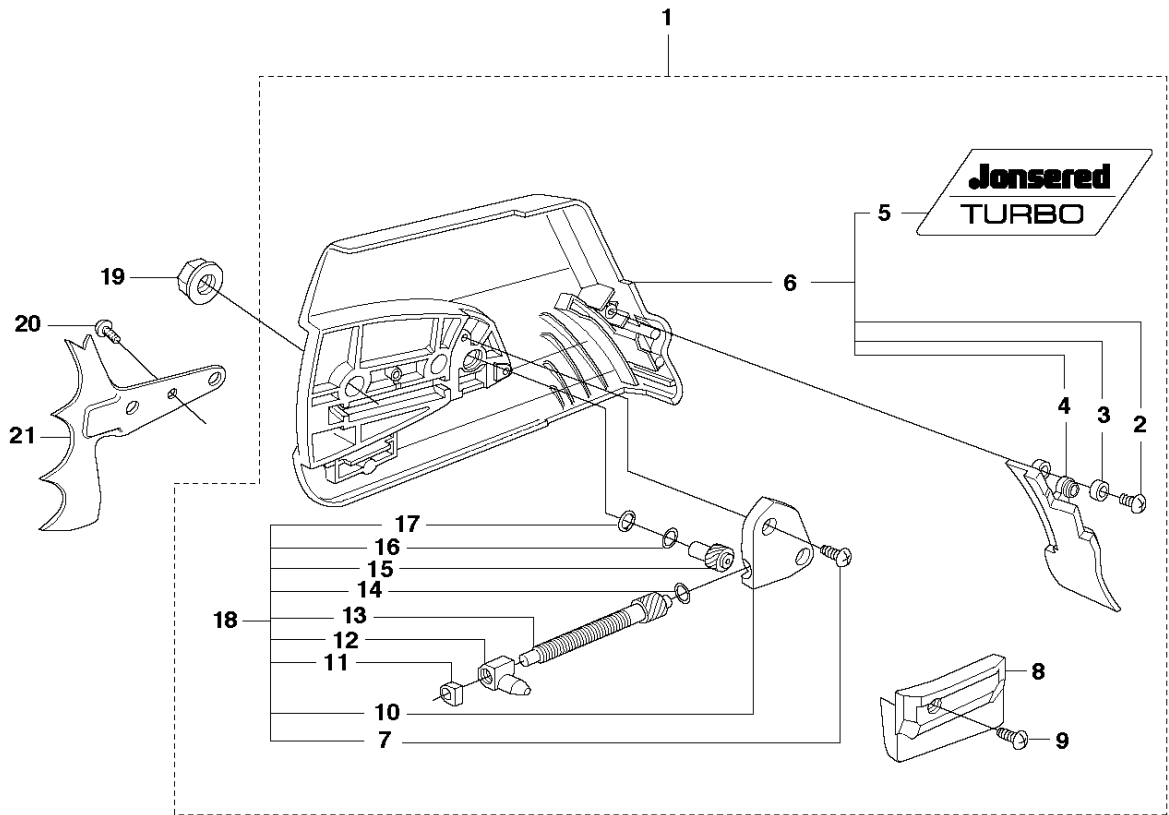


## CLUTCH &amp; OIL PUMP

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	503 52 13-03	OIL PUMP ASSY		1	
2	503 62 49-01	SEALING PLUG		1	1
3	503 52 15-01	PUMP PISTON		1	1
4	503 23 00-04	WASHER		1	1
5	501 61 58-01	SPRING		1	1
6	503 81 30-01	SPRING		1	1
7	503 81 13-01	PIN SCREW		1	1
8	503 42 67-01	OIL HOSE		1	
9	501 54 41-02	OIL SCREEN		1	
10	525 82 49-12	SCREW ITXSCM		1	
11	537 20 78-07	PUMP PINION		1	
12	503 77 43-01	OIL PIPE		1	
13	503 64 47-01	INLET PIPE		1	
14	504 30 00-26	SEALING		1	
15	503 27 21-01	E-CLIP		1	
16	503 75 24-01	WASHER		1	
17	586 98 06-01	CLUTCH DRUM ASSY	"3/8"x7T"	1	
17	586 98 06-02	CLUTCH DRUM ASSY	"3/8"x8T"	1	
18	501 59 80-02	RIM	"3/8"x7T"	1	17
18	505 30 36-61	RIM	"3/8"x8T"	1	17
19	503 43 20-01	NEEDLE HOLDER		1	17
20	586 79 84-01	CLUTCH ASSY		1	
21	537 36 06-01	CLUTCH SPRING		1	20
22	503 23 00-59	WASHER		1	

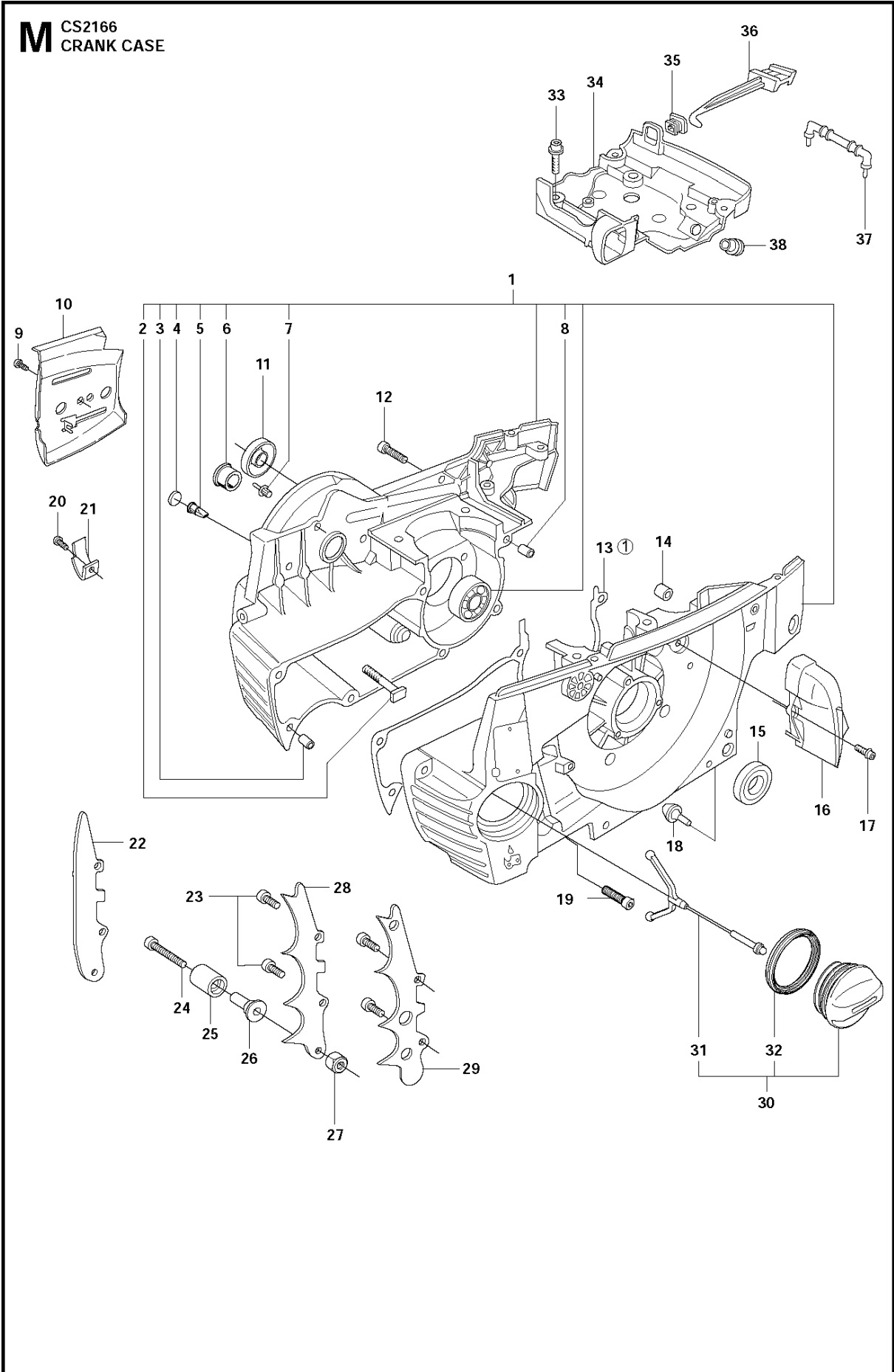
**A** CS2166  
CLUTCH COVER



## CLUTCH COVER

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	537 07 20-02	CLUTCH COVER ASSY		1	
2	525 88 74-02	SCREW CITXPANT		1	1, 6
3	503 89 70-01	SLEEVE		1	1, 6
4	503 76 29-02	CHIP GUARD		1	1, 6
5	537 24 43-01	LABEL		1	1, 6
6	537 07 20-71	CLUTCH COVER ASSY		1	1
7	525 88 74-02	SCREW CITXPANT		2	1,18
8	537 19 06-01	CHAIN GUIDE		1	1
9	525 88 74-02	SCREW CITXPANT		1	1
10	537 01 68-01	COVER		1	1, 18
11	537 01 74-01	BEARING SLEEVE		1	1, 18
12	503 99 83-01	PAWL		1	1, 18
13	537 07 95-02	WORM SCREW		1	1, 18
14	503 23 00-66	WASHER		1	1, 18
15	537 07 94-02	WORM WHEEL		1	1, 18
16	503 23 00-63	WASHER		1	1, 18
17	740 48 07-02	O-RING		1	1, 18
18	537 04 41-02	CHAIN TENSIONER		1	1
19	503 22 00-01	HEXAGON NUT		2	
20	525 88 74-02	SCREW CITXPANT		1	
21	503 71 97-01	SPIKE		1	

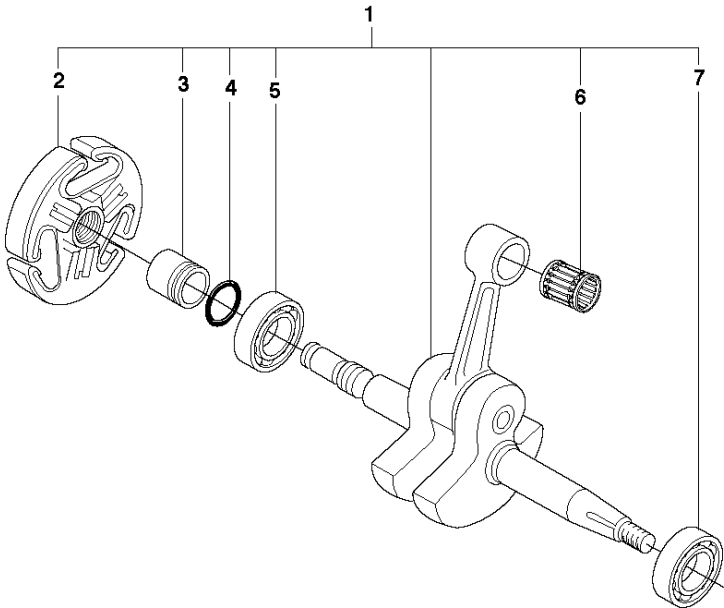


## CRANKCASE

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	503 62 68-14	CRANKCASE ASSY		1	
2	537 05 13-01	BAR BOLT		1	1
3	501 27 08-01	GUIDE BUSHING		1	1
4	530 02 61-19	CHECK VALVE		1	1
5	537 40 35-01	FILTER		1	1
6	503 96 70-01	BUSHING		1	1
7	503 75 18-01	PIN KNEE-JOINT		1	1
8	501 27 08-01	GUIDE BUSHING		1	1
9	525 88 74-02	SCREW CITXPANT		1	
10	537 01 37-01	CHAIN GUIDE PLATE		1	
11	503 26 03-01	SEALING RING		1	
12	586 44 54-01	SCREW ITXSCM		1	
13	503 62 72-01	GASKET		1	
14	503 85 73-01	COVER		1	
15	505 27 57-19	SEALING RING		1	
16	503 62 84-01	AIR NOZZLE		1	
17	525 75 52-01	SCREW ITXSCFM		1	
18	503 84 61-01	BUFFER		1	
19	575 79 12-02	SCREW ITXSCM		1	
20	525 82 49-13	SCREW ITXSCM		1	
21	501 68 68-01	CHAIN CATCHER		1	
22	537 04 29-01	BUMPER		1	
23	575 79 35-01	SCREW ITXPANM		1	
24	525 75 51-03	SCREW ITXSCFM		1	
25	537 02 44-01	WEAR PROTECTION		1	
26	537 08 92-01	CHAIN CATCHER		1	
27	503 22 24-01	LOCK NUT		1	
28	537 01 71-01	SPIKE		1	
29	503 64 79-02	SPIKE		1	
30	537 21 52-06	TANK CAP ASSY		1	
31	503 57 89-01	HOLDER		1	30
32	589 24 11-01	GASKET		1	30
33	525 75 52-01	SCREW ITXSCFM		4	
34	588 09 37-02	CARBURETTOR AREA BASE		1	
35	503 73 44-01	GROMMET		1	
36	515 98 22-01	CHOKE		1	
37	579 46 89-01	SUPPORT		1	
38	537 09 54-01	GROMMET		1	

**N** CS2166  
CRANK SHAFT



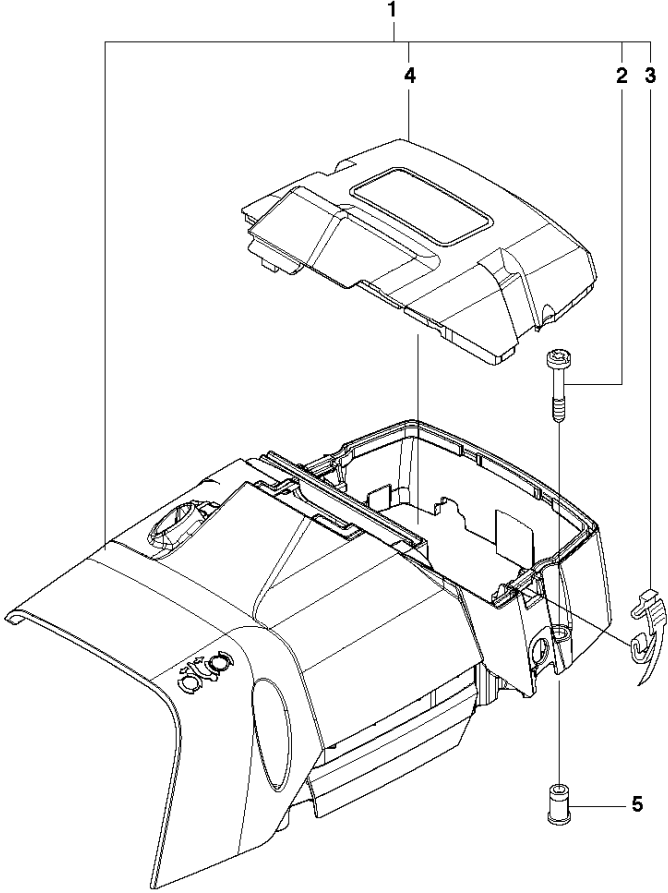


## CRANKSHAFT

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	503 74 87-04	CRANKSHAFT ASSY		1	
2	586 79 84-01	CLUTCH ASSY		1	1
3	503 77 91-01	SLEEVE		1	1
4	503 26 30-19	O-RING		1	1
5	585 97 50-01	BALL BEARING		1	1
6	577 57 24-01	NEEDLE BEARING		1	1
7	585 97 50-01	BALL BEARING		1	1

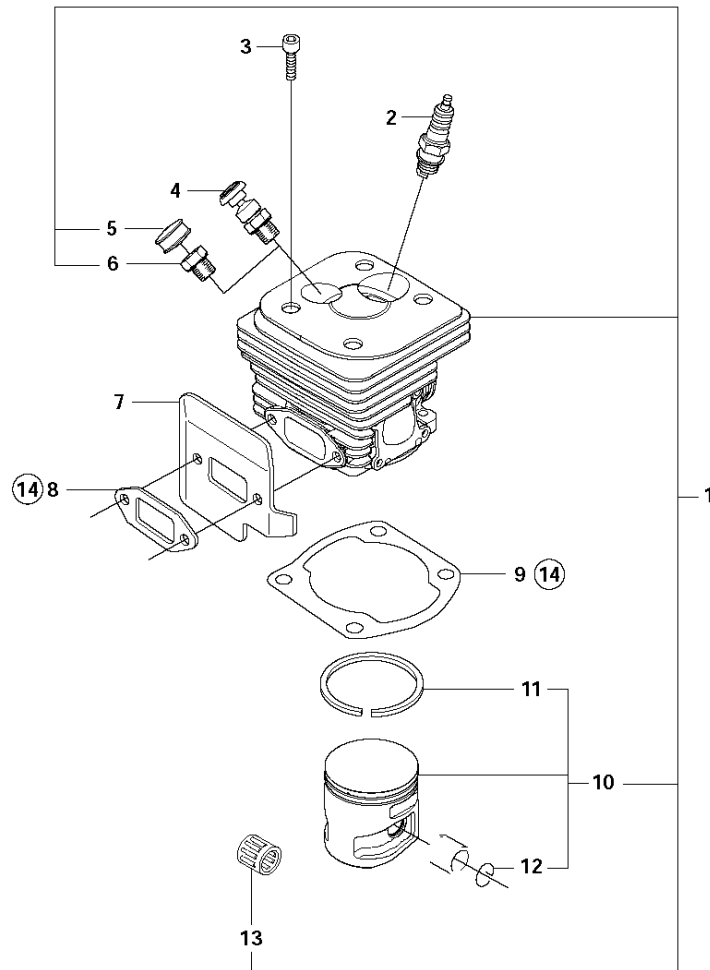
**E** CS2166  
CYLINDER COVER



CYLINDER COVER

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	574 45 82-02	CYLINDER COVER ASSY		1	
2	525 88 70-01	SCREW CITXPANMO		3	1
3	503 69 91-02	SNAP		2	1
4	503 69 60-01	FILTER COVER		1	1
5	537 05 59-03	SLEEVE		3	1

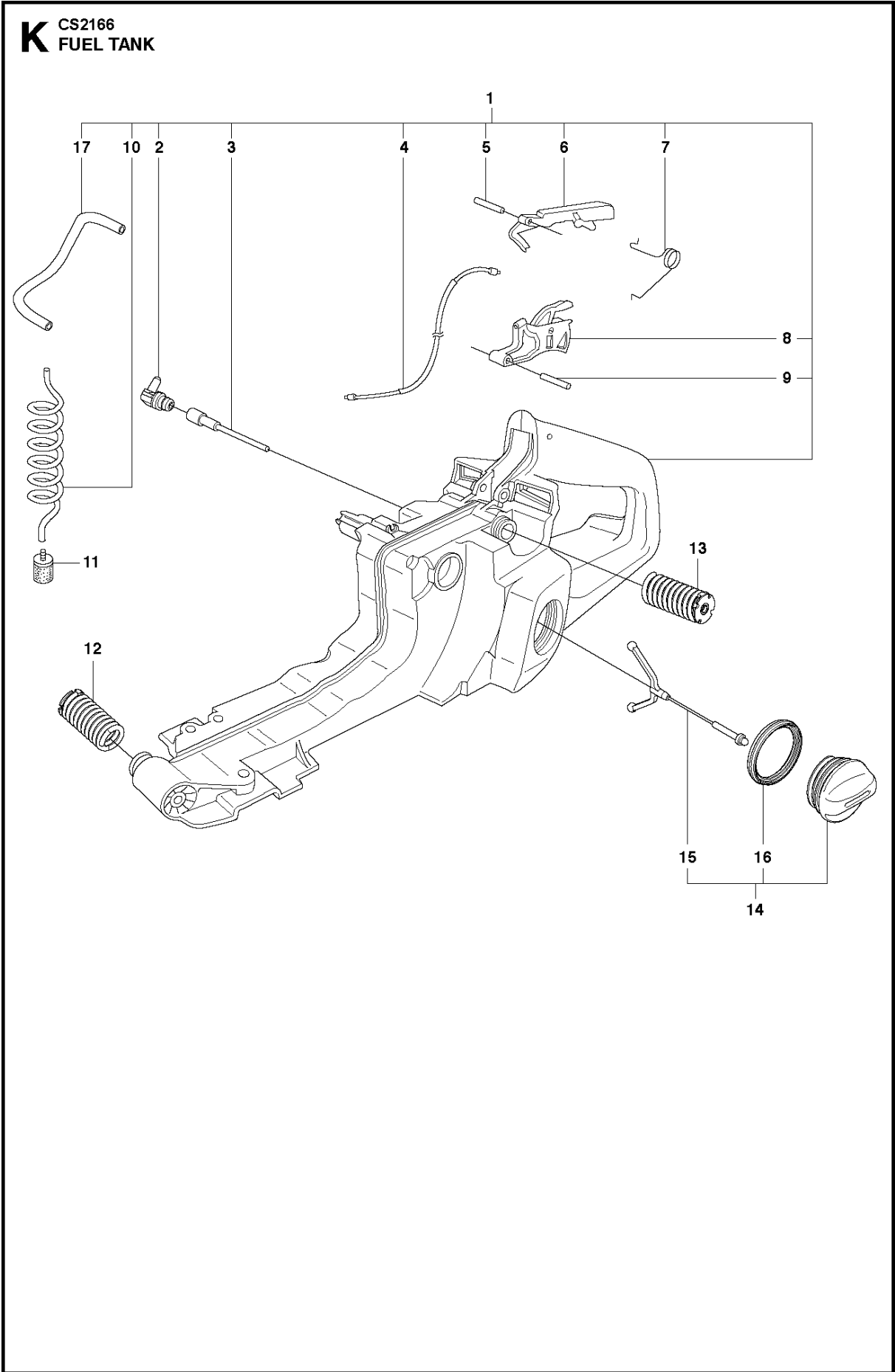
**H** CS2166  
CYLINDER PISTON

- ⑭ 503 64 72-01  
Set of gaskets  
Dichtungssatz  
Jeu de joints  
Juego de juntas  
Packningssats

## CYLINDER PISTON

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	575 77 41-02	CYLINDER ASSY		1	
2	503 23 51-11	SPARK PLUG	NGK BPMR7A	1	
3	525 82 49-03	SCREW ITXSCM		4	
4	584 28 87-01	DECOMPRESSION VALVE		1	
5	537 20 71-01	PLUG		1	1
6	503 55 22-01	PLUG		1	1
7	523 04 91-01	HEAT DEFLECTOR		1	
8	503 77 59-01	GASKET		1	14
9	503 96 15-01	GASKET		1	14
10	577 20 77-02	PISTON ASSY		1	1
11	503 28 90-36	PISTON RING		2	1, 10
12	737 43 12-00	SNAP RING		2	1, 10
13	577 57 24-01	NEEDLE BEARING		1	1
14	503 64 72-01	GASKET KIT	Set of gaskets	1	1

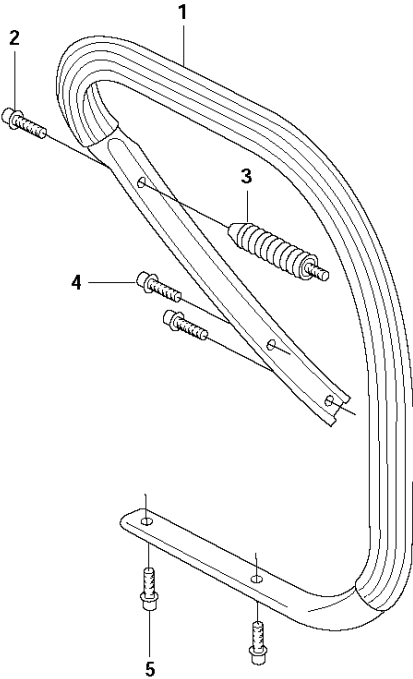


## FUEL TANK

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	503 71 91-05	FUEL TANK		1	
2	537 09 93-01	CONNECTION BEND		1	1
3	537 09 22-01	TANK VENT ASSY		1	1
4	503 71 76-01	THROTTLE WIRE ASSY		1	1
5	720 12 40-20	PARALLEL PIN		1	1
6	503 55 66-02	THROTTLE LOCKOUT		1	1
7	503 73 64-01	SPRING		1	1
8	503 82 98-02	THROTTLE TRIGGER		1	1
9	720 12 72-20	PARALLEL PIN		1	
10	581 75 62-02	FUEL HOSE		1	
11	503 44 32-01	FUEL FILTER		1	
12	503 63 76-01	ANTIVIBRATION ELEMENT	Std	1	
12	503 63 76-02	ANTIVIBRATION ELEMENT	Hard	1	
13	503 89 56-01	ANTIVIBRATION ELEMENT	Std	1	
13	503 89 56-02	ANTIVIBRATION ELEMENT	Hard	1	
14	537 21 52-06	TANK CAP ASSY		1	
15	503 57 89-01	HOLDER		1	14
16	589 24 11-01	GASKET		1	14
17	581 75 61-06	FUEL HOSE		1	1

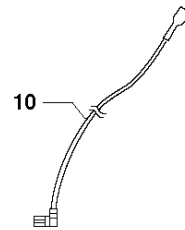
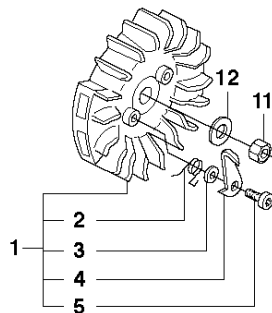
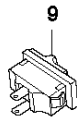
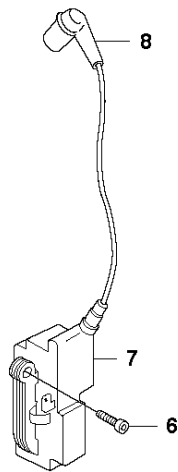
**J** CS2166  
HANDLE





Ref	Part No	Description	Remark	QTY KIT
1	574 45 78-01	FRONT HANDLE ASSY		1
2	586 44 00-01	SCREW ITXSCFT		1
3	503 63 75-04	ANTIVIBRATION ELEMENT	STD	1
3	503 63 75-05	ANTIVIBRATION ELEMENT	HARD	1
4	586 44 30-01	SCREW ITXSCFT		2
5	586 44 30-01	SCREW ITXSCFT		2

**D** CS2166  
IGNITION SYSTEM

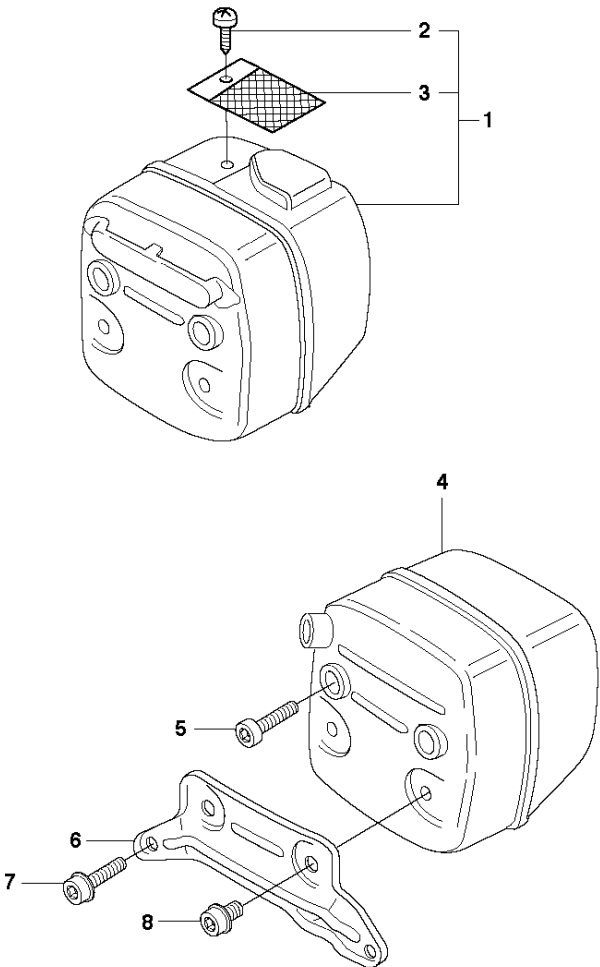


## IGNITION SYSTEM

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	537 05 16-05	FLYWHEEL ASSY		1	
2	501 67 35-01	SPRING		1	1
3	503 23 00-42	WASHER		1	1
4	537 01 55-01	STARTER PAWL		1	1
5	506 00 69-01	SCREW		1	1
6	582 02 97-01	SCREW ITXSCM		2	
7	588 93 74-03	IGNITION MODULE	DM51 COT	1	
8	501 48 54-02	SPARK PLUG CAP		1	
9	503 71 82-01	SWITCH		1	
10	503 62 61-01	CABLE		1	
11	503 22 10-11	HEXAGON NUT		2	
12	503 23 01-01	WASHER		1	

**G** CS2166  
MUFFLER

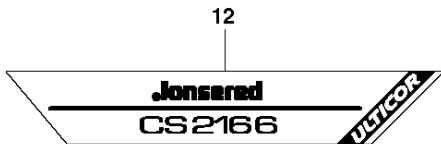
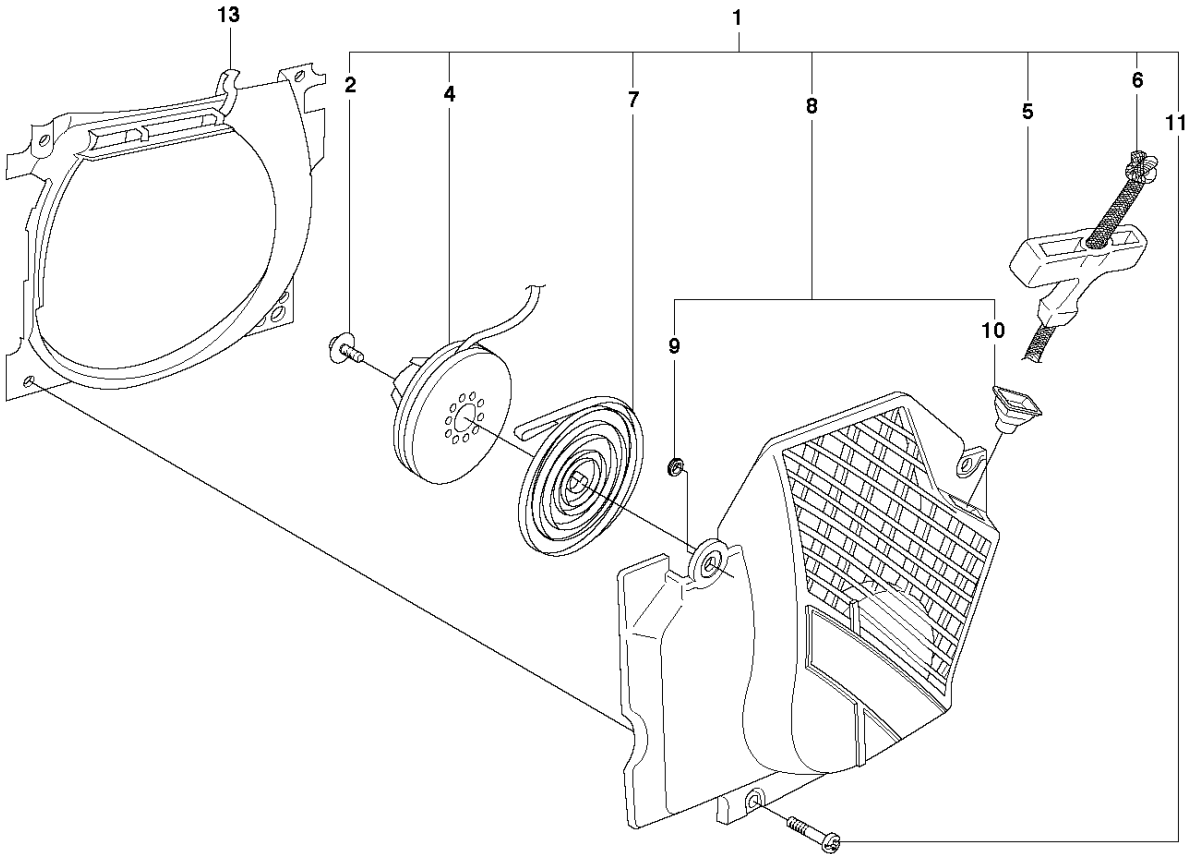


## MUFFLER

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY	KIT
1	544 02 97-02	MUFFLER ASSY	DF	1	
2	724 12 87-59	SCREW CRPANM		1	1
3	503 76 64-02	SPARK ARRESTER SCREEN		1	1
4	544 02 95-01	MUFFLER ASSY	Tube	1	
5	525 82 51-01	SCREW ITXSCM		2	
6	579 02 59-01	SUPPORT		1	
7	525 75 51-01	SCREW ITXSCFM		2	
8	525 75 51-07	SCREW ITXSCFM		2	

**C** CS2166  
STARTER



## STARTER

CS2166 from 2017-11 -

Ref	Part No	Description	Remark	QTY KIT	
1	503 69 28-03	STARTER ASSY		1	
2	586 44 31-01	SCREW ITXSCFT		1	1
4	503 85 96-01	STARTER PULLEY		1	1
5	537 19 65-01	STARTER HANDLE		1	1
6	503 43 29-02	STARTER CORD		1	1
7	503 78 72-01	RECOIL SPRING		1	1
8	503 69 29-04	STARTER HOUSING		1	1
9	537 08 67-01	BUSHING		1	1, 8
10	501 63 06-01	SLEEVE		1	1, 8
11	525 82 45-01	SCREW CITXPANMO		4	1
12	537 14 55-11	LABEL		1	
13	503 62 83-01	AIR CONDUCTOR		1	

# Illustrated Parts List - IPL Update



Product Name(s)

**CS2166**

Description of change

1. New screws with torx grip, T10/T20/T27, provide better condition for tightening.

Comments

Fully interchangeable

Introduced from

Serial number / Date	Remark
20174401072 -	503 63 75-04 ANTIVIBRATION ELEMENT with torx screw
20174401072 -	503 63 75-05 ANTIVIBRATION ELEMENT with torx screw
20174401072 -	503 96 90-11 WINTER KIT with torx screw
20174401072 -	505 28 33-11 HOSE CLAMP with torx screw
20174401072 -	506 00 69-01 SCREW.
20174401072 -	525 75 51-01 SCREW ITXSCFM.
20174401072 -	525 75 51-03 SCREW ITXSCFM.
20174401072 -	525 75 51-07 SCREW ITXSCFM.
20174401072 -	525 75 52-01 SCREW ITXSCFM.
20174401072 -	525 82 45-01 SCREW CITXPANMO.
20174401072 -	525 82 49-03 SCREW ITXSCM.
20174401072 -	525 82 49-12 SCREW ITXSCM.
20174401072 -	525 82 49-13 SCREW ITXSCM.
20174401072 -	525 82 51-01 SCREW ITXSCM.
20174401072 -	575 79 12-02 SCREW ITXSCM.
20174401072 -	575 79 35-01 SCREW ITXPANM.
20174401072 -	581 14 30-02 SCREW ITXSCM.
20174401072 -	582 02 97-01 SCREW ITXSCM.
20174401072 -	586 43 85-01 SCREW ITXSCM.
20174401072 -	586 44 00-01 SCREW ITXSCFT.
20174401072 -	586 44 30-01 SCREW ITXSCFT.
20174401072 -	586 44 31-01 SCREW ITXSCFT.
20174401072 -	586 44 54-01 SCREW ITXSCM.
20174401072 -	586 50 52-01 SCREW CITXPANT.

IPL updates

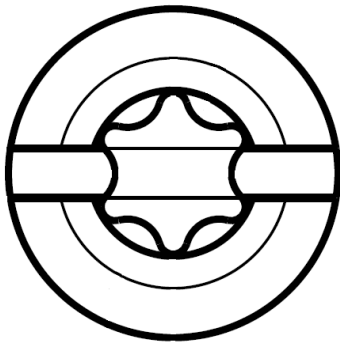
Page Title	Ref.No	New part no	Name	Excl. part no.	Remark
Accessories	7	503 96 90-12	WINTER KIT	503 96 90-10	
	8	586 50 52-01	SCREW CITXPANT	503 21 27-16	
Carburetor & airfilter	3	581 14 30-02	SCREW ITXSCM	725 53 09-55	
	12	505 28 33-11	HOSE CLAMP	505 28 33-07	
Chain brake	2	525 75 52-01	SCREW	503 20 02-12	
	8	586 43 85-01	SCREW ITXSCM	503 20 26-02	
Clutch & oil pump	10	525 82 49-12	SCREW ITXSCM	725 53 29-56	
Crank case	12	586 44 54-01	SCREW ITXSCM	503 74 93-01	
	17	525 75 52-01	SCREW ITXSCFM	503 20 02-12	
	19	575 79 12-02	SCREW ITXSCM	503 20 08-70	



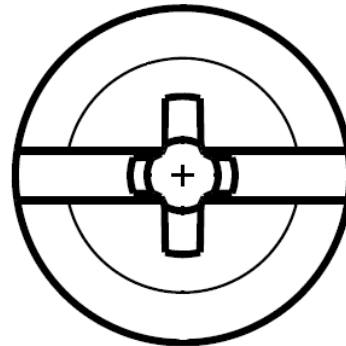
# Illustrated Parts List - IPL Update

Page Title	Ref.No	New part no	Name	Excl. part no.	Remark
	20	525 82 49-13	SCREW ITXSCM	725 53 31-65	
	23	575 79 35-01	SCREW ITXPANM	503 21 26-16	
	24	525 75 51-03	SCREW	503 20 07-80	
	33	525 75 52-01	SCREW ITXSCFM	503 20 02-12	
Cylinder piston	3	525 82 49-03	SCREW ITXSCM	725 53 33-55	
Handle	2	586 44 00-01	SCREW ITXSCFT	503 21 05-22	
	3	503 63 75-04	ANTIVIBRATION ELEMENT	503 63 75-02	
	3	503 63 75-05	ANTIVIBRATION ELEMENT	503 63 75-03	
	4	586 44 30-01	SCREW ITXSCFT	503 21 49-72	
	5	586 44 30-01	SCREW ITXSCFT	503 21 49-72	
Ignition system	5	506 00 69-01	SCREW	501 81 99-01	
	6	582 02 97-01	SCREW ITXSCM	586 28 93-01	
Muffler	5	525 82 51-01	SCREW ITXSCM	725 53 70-55	
	7	525 75 51-01	SCREW ITXSCFM	503 20 07-74	
	8	525 75 51-07	SCREW ITXSCFM	503 20 07-02	
Starter	2	586 44 31-01	SCREW ITXSCFT	503 21 52-16	
	11	525 82 45-01	SCREW CITXPANMO	544 08 03-01	

## 1. Screw

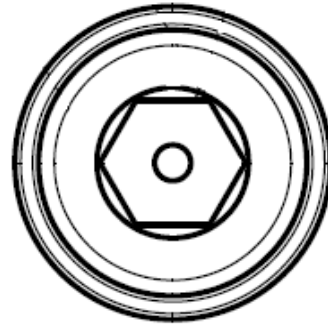
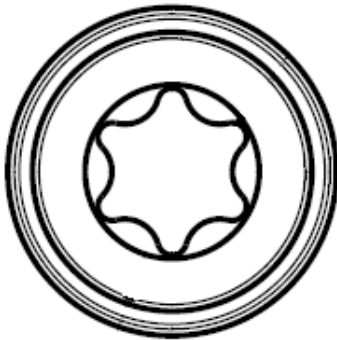


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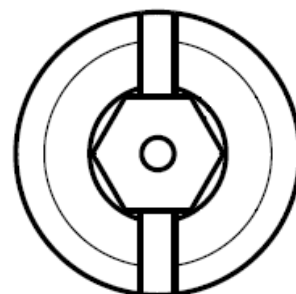
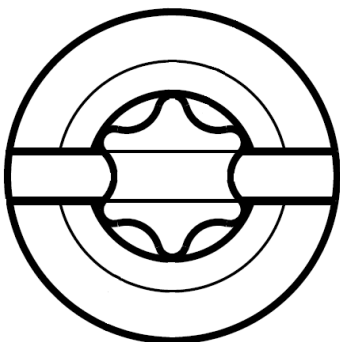
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# Illustrated Parts List - IPL Update



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503 21 52-16  
503 74 93-01



525 82 45-01

544 08 03-01