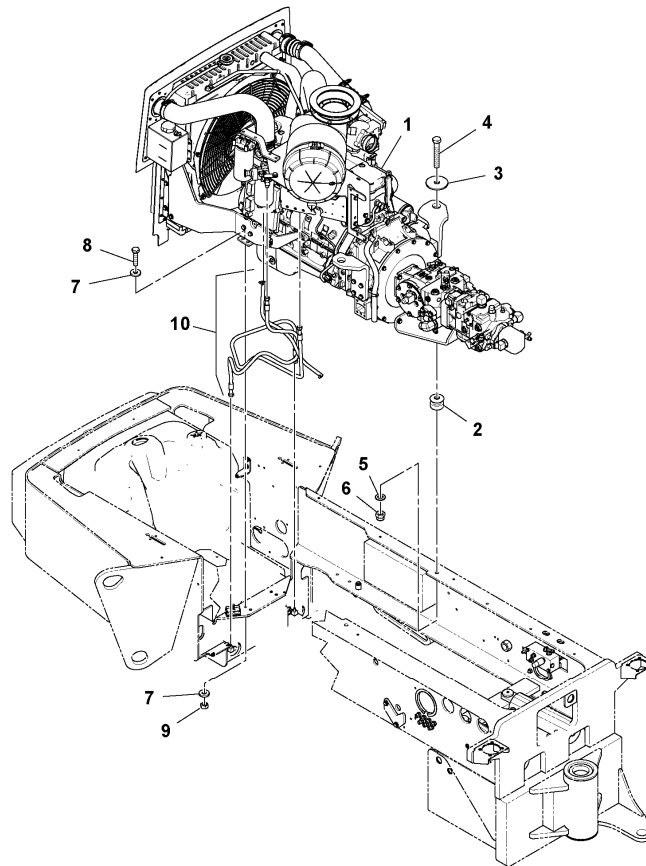


Date: 2014/1/20	Image id: 1037502	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 210/100	Title: Engine Installation 43801380_13416078



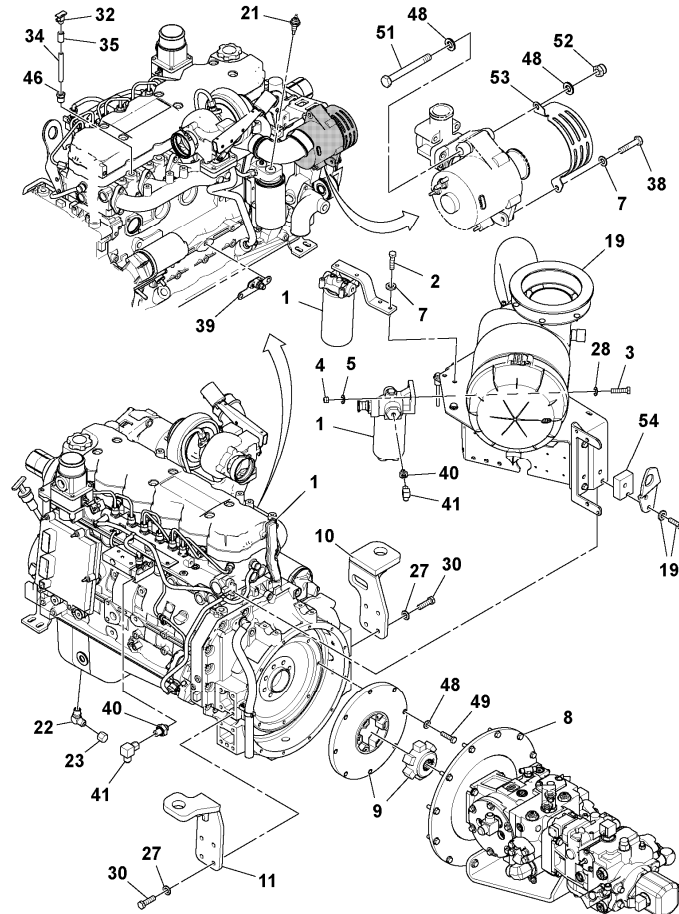
Section option	Kit	Option description
RM13416078		Tier Three Engine

Q1-Q5	Option	Option description	
Q1 13416078_0101			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1							Engine		See ref 210/150
2	RM59127720	2							Mounting plate		
3	RM58879768	2							Washer		
4	RM96704952	2							Hexagon screw		
5	RM96738612	2							Plain washer		
6	RM96704630	2							Nut		
7	RM96711833	8							Washer		
8	RM96704556	4							Hexagon screw		

9	VOE971071	4							Hexagon nut		
10		1							Fuel line		See ref 234/200

Date: 2014/1/20	Image id: 1052245	Catalogue: 2012	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 210/150	Title: Engine assembly 43801398_13416086

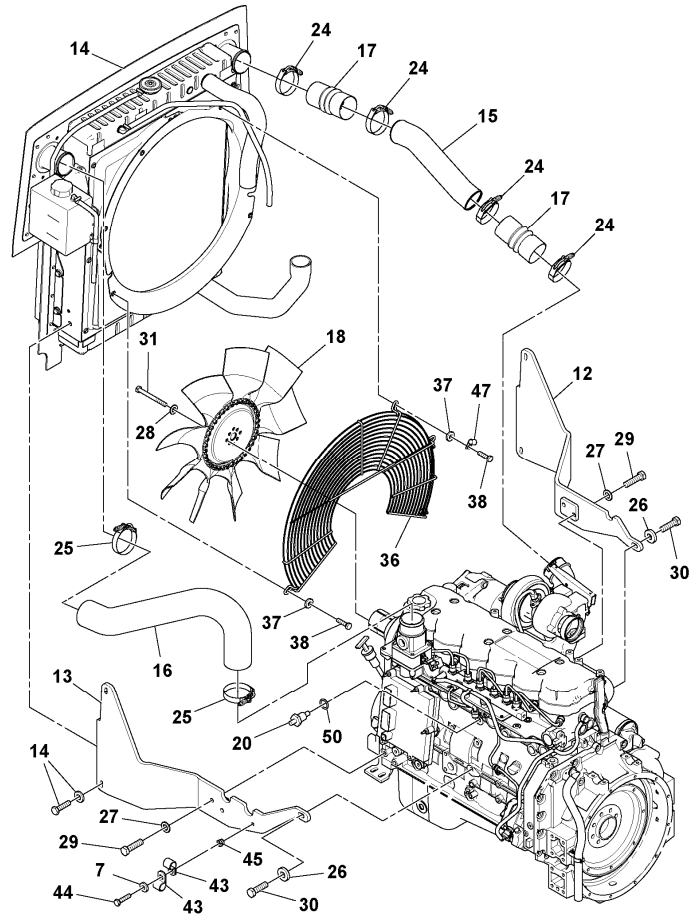


Q1-Q5	Option	Option description	
Q1 13416086_0K02			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM43801414	1					OP		Engine		
	RM13852256	1							•Alternator		
	RM19295872	2							•Fuel filter		
	RM43802263	1							•Fuel filter		
	RM13284617	1							•Oil filter		
	RM19331453	1					SS		•Belt		
	RM19295856	1							•Starter apparatus		
	RM43920610	1					OP		Engine		SD-190DX/SD-200DX
	RM13852256	1							•Alternator		
	RM43919943	1							•Fuel filter		
	RM43919935	1							•Fuel filter		

	RM43919927	1							•Oil filter		
2	RM96702659	2							Hexagon screw		
3	RM96704556	2							Hexagon screw		
4	RM96704614	2							Nut		
5	RM96711833	2							Washer		
7	RM96741038	3							Washer		
8		1							pump Stack		SD-160 See ref 913/100
9	RM59286336	1							Flywheel		
10	RM13884911	1							Bracket		LH
11	RM43859073	1							Engine Mount		
19		1							Air Cleaner		See ref 256/100
21	RM13491691	1							Contact		
22	RM58896580	1							Adapter		
23	RM95257325	1							Nut		
27	RM96738596	12							Washer		
28	RM96741046	6							Plain washer		
30	RM96702444	10							Hexagon screw		
32	RM58848920	1							Drain		
34	RM95056396	1							Nipple		
35	RM95011060	1							Coupling piece		
38	RM96705587	7							Hexagon screw		
39		1							insulated Stud		See ref 371/100
40	RM59884221	2							Adapter		
41	RM59977454	2							Nipple		
46	RM59924233	1							Reducer		
48	RM96741046	10							Plain washer		
49	RM95919254	8							Hexagon screw		
51	RM96715602	1							Hexagon screw		
52	RM96704614	1							Nut		
53	RM43855626	1							Guard		
54	RM46633624	1							Spacer		

Date: 2014/1/20	Image id: 1052244	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 210/200	Title: Engine assembly 43801398_13416086



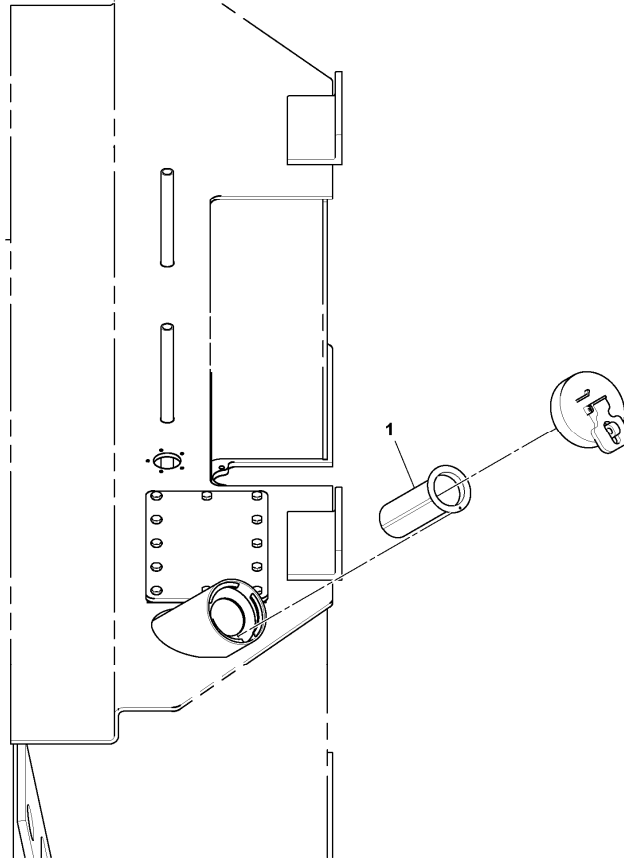
Q1-Q5	Option	Option description	
Q1 13416086_0K01			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
7	RM96741038	3							Washer		
12	RM13218599	1							Radiator bracket		LH
13	RM13417951	1							Bracket		RH
14		1							Oil Cooler		See ref 261/100
15	RM13417142	1							Tube		
16	RM13417118	1							Tube		
17	RM13232202	2							Connector		
18	RM13157151	1							Cooling fan suction		
20	RM19285584	1							Temperature sensor		
24	RM54680079	4							Clamp		
25	RM54680087	2							Clamp		

26	RM96712237	2							Plain washer		
27	RM96738596	12							Washer		
28	RM96741046	14							Plain washer		
29	RM96702667	4							Hexagon screw		
30	RM96702444	10							Hexagon screw		
31	RM96720594	4							Hexagon screw		
33	RM95919254	4							Hexagon screw		See footnote 2624)
36	RM43856319	1							Fan guard		
37	RM96712674	6							Washer		
38	RM96705587	7							Hexagon screw		
43	RM95310231	2							Clamp		
44	RM96702261	1							Hexagon screw		
45	RM96704606	1							Lock nut		
47	RM59117333	1							Clamp		
50	RM95018065	1							O-ring		

2624) Not Shown

Date: 2014/1/20	Image id: 1035757	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 233/100	Title: Fuel Strainer Installation OPTIONAL, 13235015

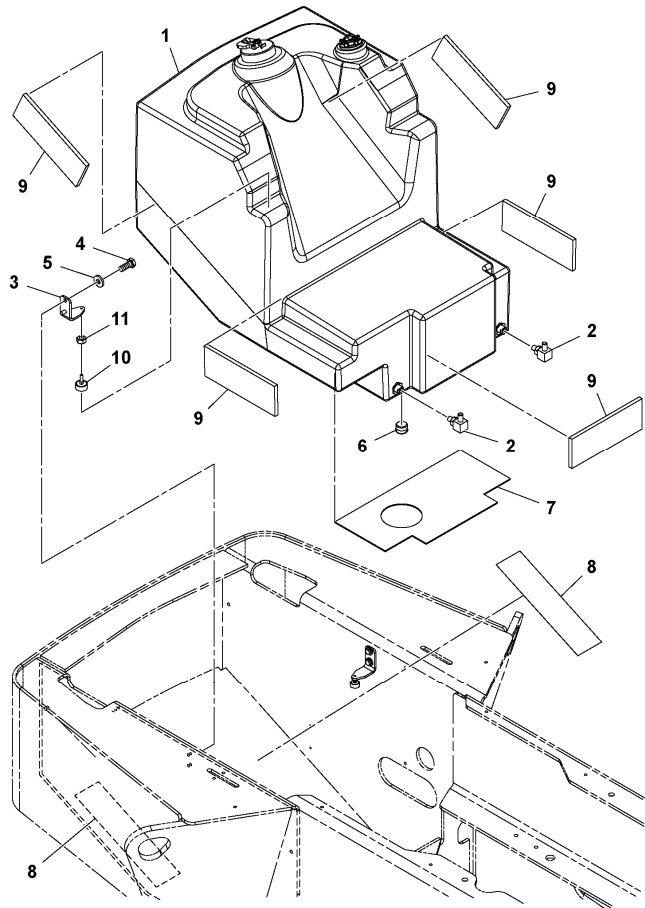


Section option	Kit	Option description
RM13235015		Fuel Fill Strainer.

Q1-Q5	Option	Option description
Q1 13235015_0001		

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM13235007	1							Strainer		

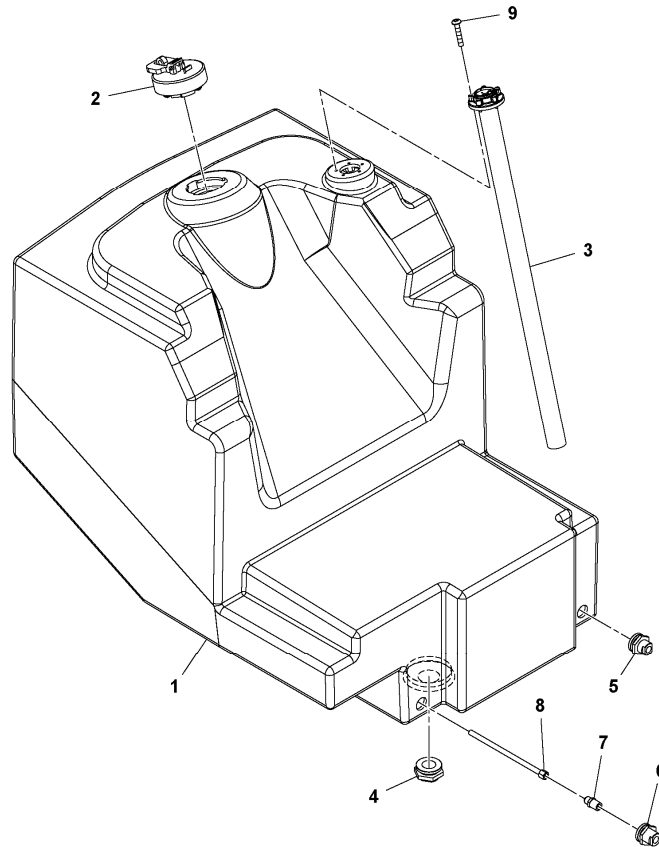
Date: 2014/1/20	Image id: 1037299	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 234/100	Title: Fuel Tank Installation 13166301



Q1-Q5	Option	Option description	
Q1 13184205_0301			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1							Fuel tank		See ref 234/150
2	RM95329975	2							Adapter		
3	RM13418215	2							Bracket		
4	RM96702287	4							Hexagon screw		
5	RM96711833	4							Washer		
6	RM59144428	1							Magnetic plug		
7	RM19331032	1							Tank protection		
8	RM59290726	2					OP		Tape		
9	RM13184932	5					OP		Guard plate		
10	RM13418132	2							Bolt		
11	RM95922894	2							Hexagon nut		

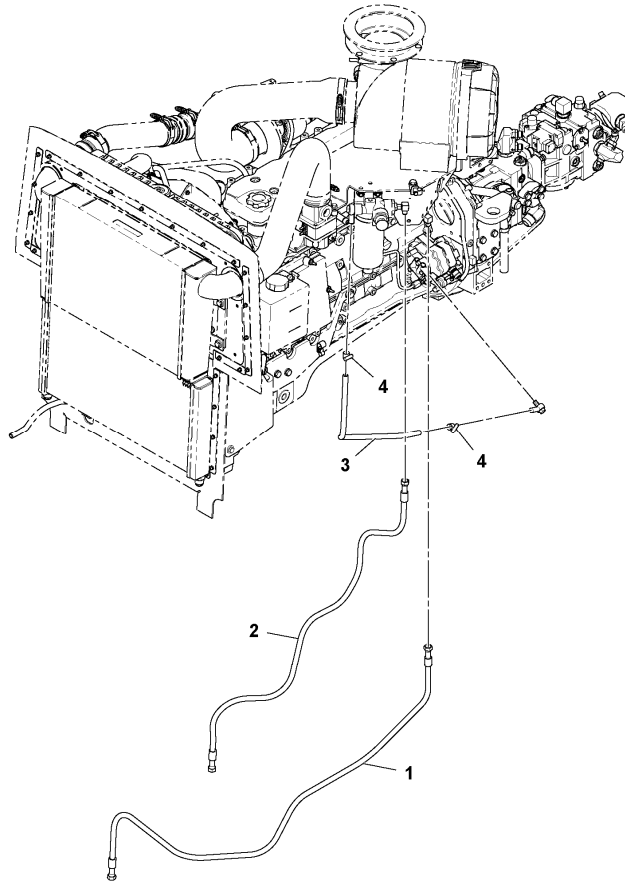
Date: 2014/1/20	Image id: 1051287	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 234/150	Title: Fuel Tank Assembly 43845858



Q1-Q5	Option	Option description	
Q1 43845858_0101			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM43906296	1							Fuel tank		
2	RM43843622	1							Fuel filler cap		
3	RM13213582	1							Fuel gauge		
4	RM13213624	1							Drain plug		
5	RM13213632	1							Return valve		
6	RM13213681	1							Fuel supply		
7	RM95219713	1							Adapter		
8	RM13213699	1							Tube		
9	RM59266726	5							Screw		

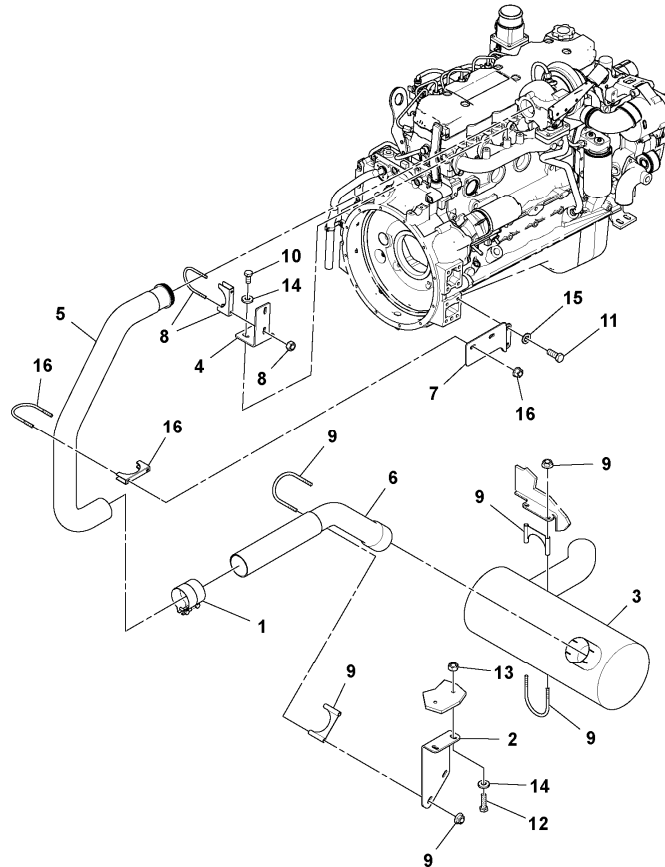
Date: 2014/1/20	Image id: 1037526	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 234/200	Title: Fuel Line Installation 19285832



Q1-Q5	Option	Option description	
Q1 19285832_0001			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM43876820	1							Hose assembly		
2	RM43876812	1							Hose assembly		
3	RM43800143	1					OP		Fuel hose		
4	RM50274299	2							Hose clamp		

Date: 2014/1/20	Image id: 1052248	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 252/100	Title: Exhaust Installation EPROD 13843511, LPROD 12760966

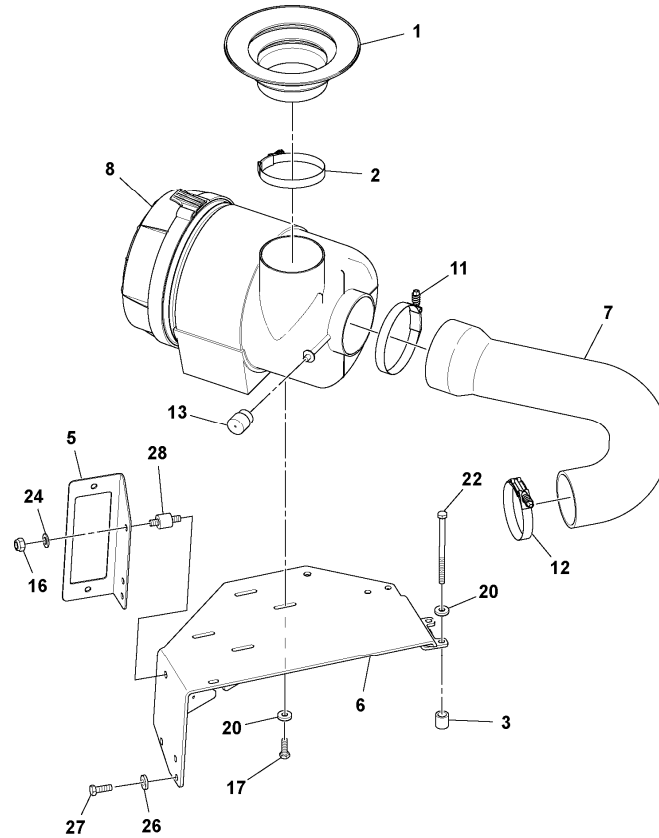


Q1-Q5	Option	Option description	
Q1 13843511_0301			
Q2 12760966_0101			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM13093075	1							Clamp		
1	RM45795531		1						Clamp		
2	RM13169362	1	1						Bracket		
3	RM43936046	1	1						Silencer		
4	RM13418439	1	1						Bracket		
5	RM13418447	1							Exhaust pipe		
5	VOE12760513		1						Exhaust pipe		
6	RM13885900	1							Exhaust pipe		
6	VOE12760512		1						Exhaust pipe		

7	RM13884143	1							Bracket		
7	VOE12760752		1						Bracket		
8	RM59495028	1							Clamp		
8	RM59179234		1						Clamp		
9	RM59534313	2							Clamp		
9	RM59764142		2				NS		Clamp		
10	RM96702279	2	2						Hexagon screw		
11	RM96702311	2							Hexagon screw		
12	RM96704309	4	4						Hexagon screw		
13	VOE971071	2	4						Hexagon nut		
14	RM96711833	4	8						Washer		
15	RM96738596	2							Washer		
16	RM59179218	1	1						Clamp		

Date: 2014/1/20	Image id: 1052246	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 256/100	Title: Air cleaner installation 13417308

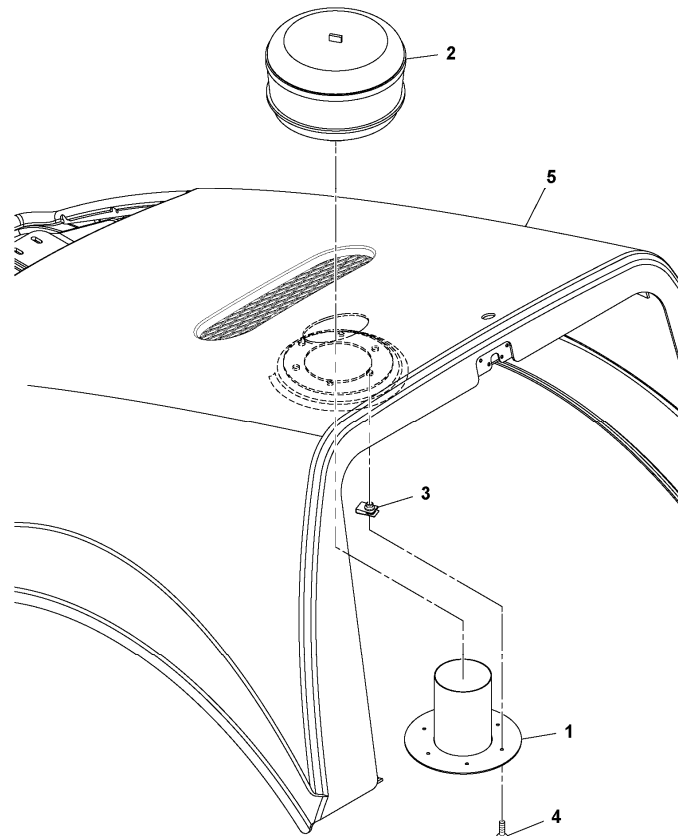


Q1-Q5	Option	Option description	
Q1 13417308_0G01			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM13880216	1							Bellow		
2	RM20936001	1							Clamp		
3	RM13292354	2							Spacer		
5	RM43881978	1							Bracket		
6	RM13417365	1							Bracket		
7	RM13881149	1							Air inlet pipe		
8	RM43902444	1							Air cleaner		
	RM43904168	1							•Air filter insert		
	RM43904176	1							•Safety filter		
11	RM19288604	1							Clamp		
12	RM13459342	1							Spring clamp		

13	RM58905803	1						Contact		
16	RM96701370	2						Nut		
17	RM96702659	4						Hexagon screw		
20	RM96712674	6						Washer		
22	RM96726435	2						Hexagon screw		
24	RM96713979	2						Washer		
26	RM96711833	2						Washer		
27	RM96704713	2						Hexagon screw		
28	RM13885991	2						Insulator		

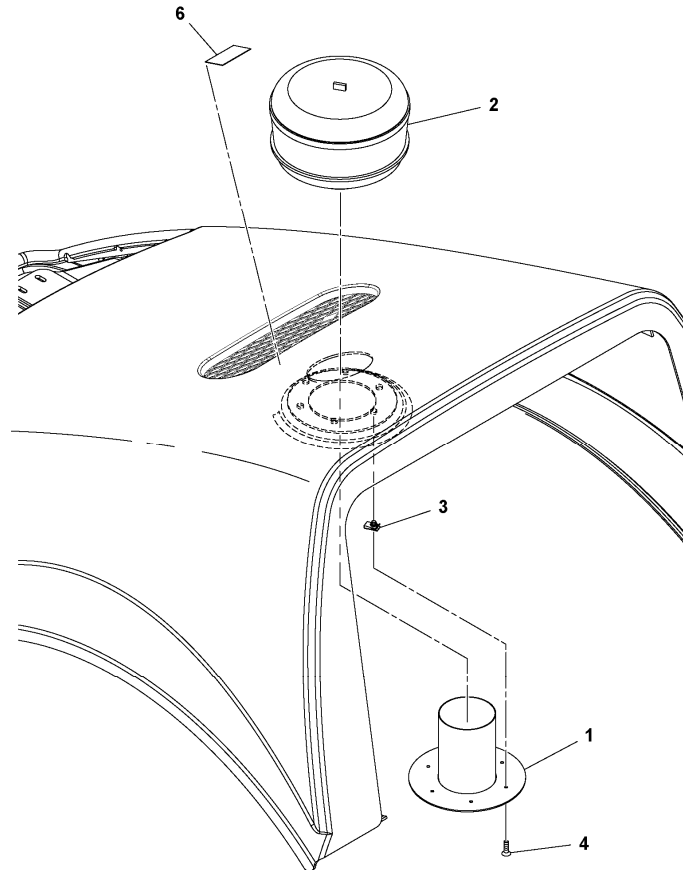
Date: 2014/1/20	Image id: 1037307	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 256/150	Title: Air Pre-cleaner Installation OPTIONAL, SD-160, S/N -198743, 13883285



Q1-Q5	Option	Option description	
Q1 13208848_0301			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM13273339	1							Mounting plate		
2	RM59081323	1							Pre-cleaner		
	RM59103259	1					SS		•Cover		
	RM58938275	1					SS		•Bowl		
	RM59103267	1					SS		•Sleeve		
	RM59103275	1					SS		•Clamp		
3	RM13186598	6							Nut		
4	RM96728506	6							Screw		
5	RM43931724	1							Bonnet		

Date: 2014/1/20	Image id: 1052254	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 256/175	Title: Air Pre-cleaner Installation S/N 198743- 43853324



Section option	Kit	Option description
RM43853324		Pre-cleaner

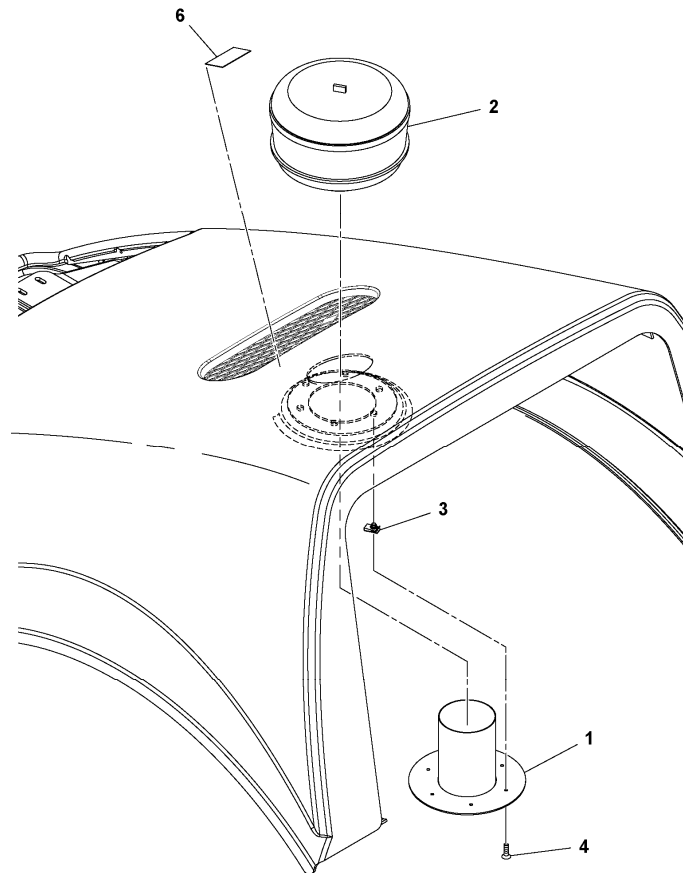
Q1-Q5	Option	Option description
Q1 43853324_0001		

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM13273339	1							Mounting plate		
2	RM59081323	1							Pre-cleaner		
	RM59103259	1					SS		•Cover		
	RM58938275	1					SS		•Bowl		
	RM59103267	1					SS		•Sleeve		
	RM59103275	1					SS		•Clamp		
3	RM13186598	6							Nut		
4	RM96728506	6							Screw		

5	RM43923127	1							Bonnet		See footnote 2624)
6	RM59087452	1							Decal		

2624) Not Shown

Date: 2014/1/20	Image id: 1037797	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 256/200	Title: Air Pre-cleaner Installation OPTIONAL,SD-190DX/ SD-200DX, S/N -198743, 19285709

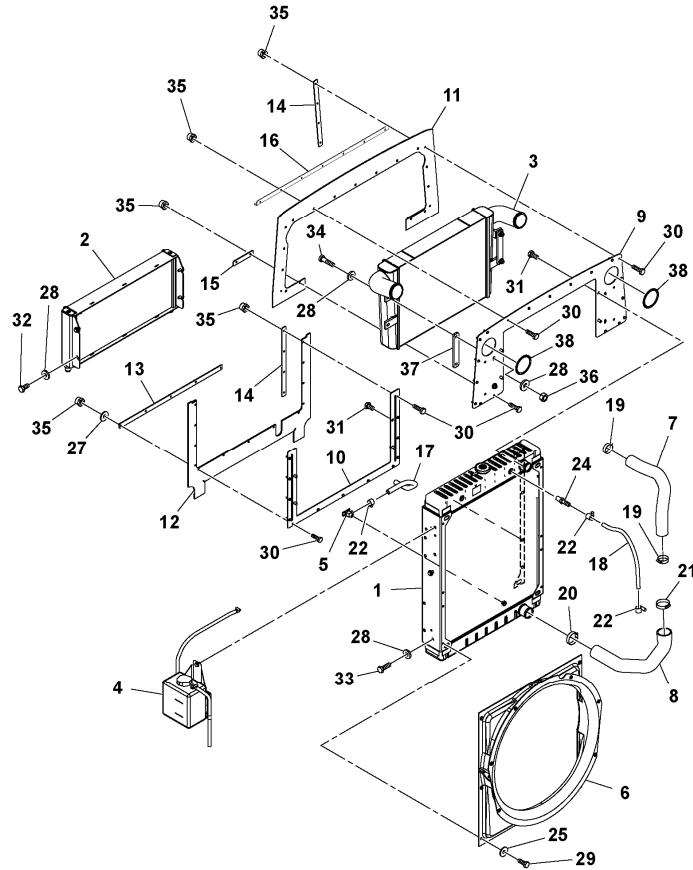


Q1-Q5	Option	Option description	
Q1 13307319_0101			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM13273339	1							Mounting plate		
2	RM59081323	1							Pre-cleaner		
	RM59103259	1					SS		•Cover		
	RM58938275	1					SS		•Bowl		
	RM59103267	1					SS		•Sleeve		
	RM59103275	1					SS		•Clamp		
3	RM13186598	6							Nut		
4	RM96728506	6							Screw		
5	RM19285691	1					SS		Bonnet		See footnote 2624)
6	RM59087452	1							Decal		

2624) Not Shown

Date: 2014/1/20	Image id: 1052258	Catalogue: 2012	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 261/100	Title: Oil Cooler Assembly 13353081

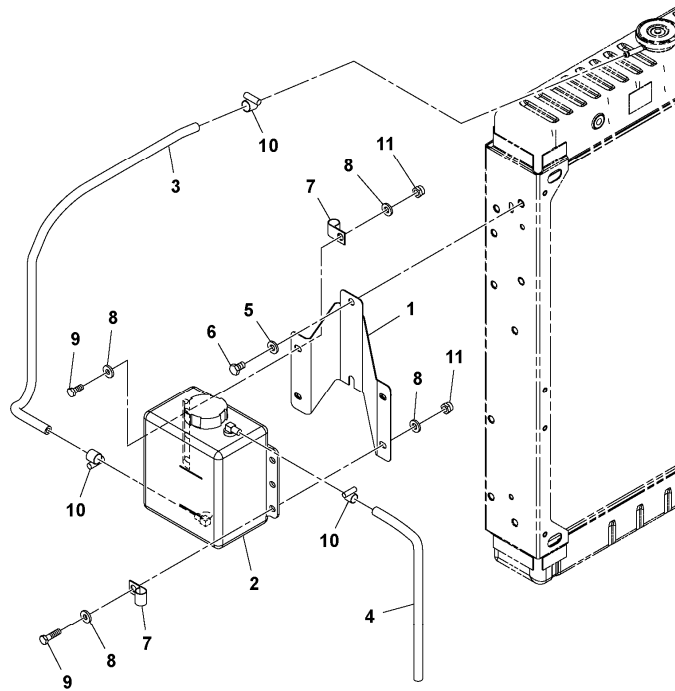


Q1-Q5	Option	Option description	
Q1 43888031_0B01			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM43840180	1							Radiator		
2	RM43840198	1							Oil cooler		
3	RM43840206	1							Charge air cooler		
4		1							coolant Recovery Bottle		See ref 261/150
5	RM58848920	1							Drain		
6	RM13272547	1							Fan shroud		
7	RM13417894	1							Radiator hose		
8	RM13279666	1							Radiator hose		
9	RM13279278	1							Baffle		
10	RM13322193	1							Baffle plate		

11	RM13292545	1							Baffle		
12	RM13292727	1							Baffle		
13	RM13216577	1							Backing plate		
14	RM13209341	4							Backing plate		
15	RM13209424	2							Backing plate		
16	RM43939529	1							Backing plate		
17	RM59321687	1							Hose assembly		
18	RM59643114	1					SS		Hose assembly		
19	RM95220893	2							Hose clamp		
20	RM95278008	1							Hose clamp		
21	RM95286266	1							Hose clamp		
22	RM50274299	3							Hose clamp		
24	RM59331934	1							Adapter		
25	RM96704663	6							Washer		
27	RM96741053	32							Washer		
28	RM96711833	16							Washer		
29	RM96701958	6							Hexagon screw		
30	RM96704564	32							Hexagon screw		
31	RM96701479	8							Hexagon screw		
32	RM96702279	4							Hexagon screw		
33	RM96701917	4							Hexagon screw		
34	RM96704556	4							Hexagon screw		
35	RM96704598	32							Lock nut		
36	VOE971071	4							Hexagon nut		
37	RM13297866	2							Spacer member		
38	RM59151613	2							Trim ring		(RM43919638)

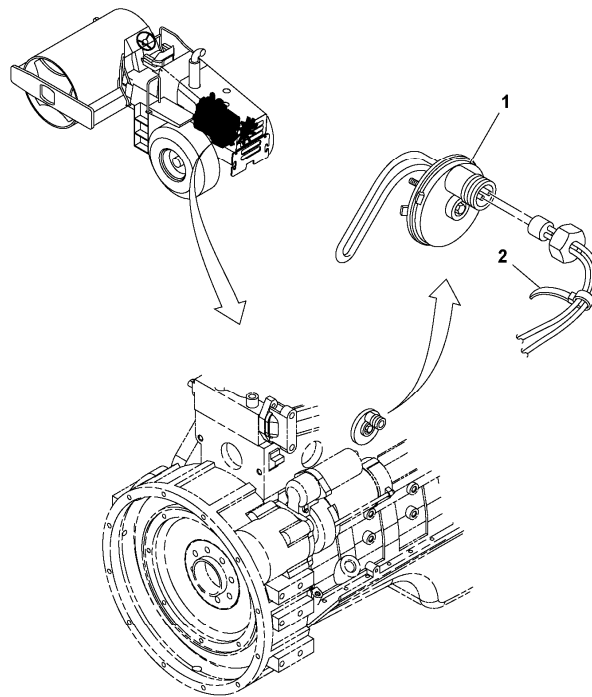
Date: 2014/1/20	Image id: 1037330	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 261/150	Title: Expansion tank 13292479



Q1-Q5	Option	Option description	
Q1 13299698_0001			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM43897420	1							Bracket		
2	RM58802851	1							Plastic bottle		
	RM59154807	1							•Cap		
3	RM13216734	1							Hose assembly		
4	RM59242263	1							Hose assembly		
5	RM96741046	2							Plain washer		
6	RM96702279	2							Hexagon screw		
7	RM59103598	2							Clamp		
8	RM96741038	8							Washer		
9	RM96702659	4							Hexagon screw		
10	RM50274299	3							Hose clamp		

Date: 2014/1/20	Image id: 1037227	Catalogue: 20212	Model: SD190DX
Brand: Volvo	Serial: 197455-999999	Group/Section: 269/100	Title: Block Heater Installation OPTIONAL, 59118539



Section option	Kit	Option description
RM59118539		Block Heater 120 V

Q1-Q5	Option	Option description	
Q1 59118539_0101			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	RM59118521	1							Engine heater		
	VOE12740172	1							•Extension cord		(RM59144394)
2	RM95373973	REQ							Locking wire		

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