

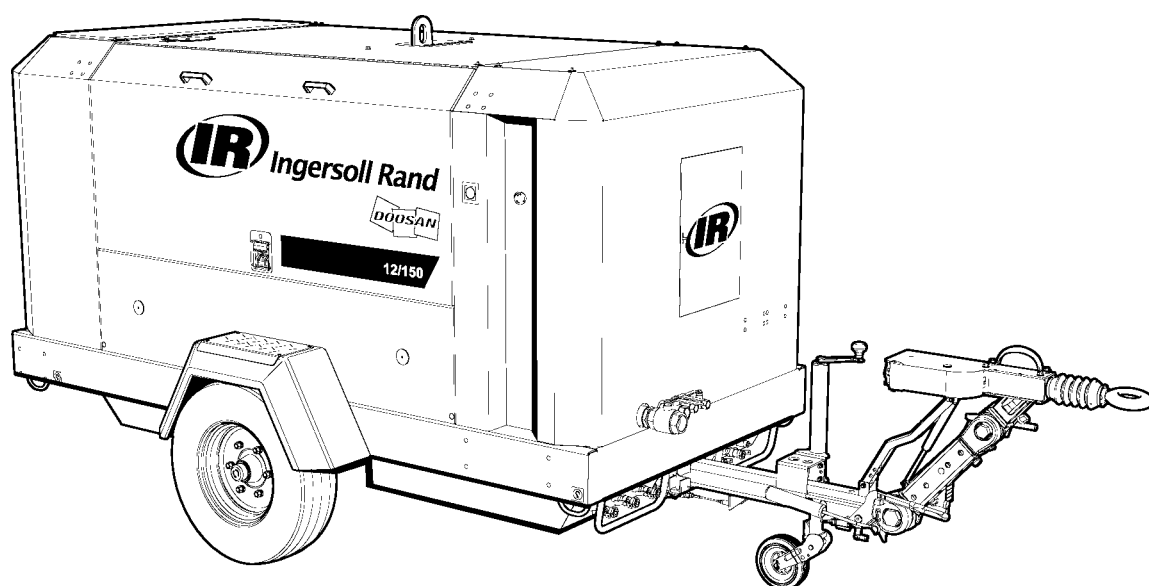


Ingersoll Rand



Doosan Infracore
Portable Power

12/150



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cs KATALOG DÍLŮ
da RESERVEDELSKATALOG
de ERSATZTEILLISTE
el ΚΑΤΑΛΟΓΟΣ ΕΞΑΡΤΗΜΑΤΩΝ
en PARTS CATALOGUE
es LISTA DE REPUESTOS
et OSADE SPETSIFIKATSIOON
fi VARAOSALUETTELO
fr CATALOGUE DE PIÈCES DÉTACHÉES
hu ALKATRÉSZ-KATALÓGUS
it LISTA RICAMBI
lt DALIŲ KATALOGAS

lv DETAĻU KATALOGS
mt KATALGU TAL-PARTIJET
nl ONDERDELENKATALOGUS
no RESERVEDELSKATALOG
pl KATALOG CZĘŚCI
pt LISTA DE PEÇAS
sk KATALÓG DIELOV
sl KATALOG DELOV
sv RESERVEDELSKATALOG
ru КАТАЛОГ ДЕТАЛЕЙ
zh 零件目录

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12/150

SERIAL No: 705000-707000

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ABBREVIATIONS & SYMBOLS

->####	Up to Serial No.	cs	Czech	lv	Latvian, Lettish
####->	From Serial No.	da	Danish	mt	Maltese
####	Contact Ingersoll-Rand for Serial No.	de	German	nl	Dutch
*	Not illustrated	el	Greek	no	Norwegian
†	Option	en	English	pl	Polish
AR	As required	es	Spanish	pt	Portuguese
		et	Estonian	ru	Russian
		fi	Finnish	sk	Slovak
		fr	French	sl	Slovenian
		hu	Hungarian	sv	Swedish
		it	Italian	zh	Chinese
		lt	Lithuanian		

General

This manual, which contains an illustrated parts breakdown, has been prepared as an aid in identifying and ordering parts for the machine. All of the parts, listed in the parts breakdown, are manufactured with the same precision as the original equipment.

Ingersoll-Rand Company service facilities and parts are available worldwide. There are Ingersoll-Rand Company Branch Offices and authorised distributors located in the principle cities of the United States. In Canada, our customers are serviced by the Canadian Ingersoll-Rand Company, Limited. There are also Ingersoll-Rand Company subsidiaries and authorised distributors located in the principle cities throughout the world.

Description

The illustrated parts breakdown identifies the various assemblies, sub-assemblies and detailed parts which make up this machine.

A series of illustrations show each part clearly and in its correct location relative to the other parts in the illustration. Each part in an illustration is referenced with a number. The number, description and quantity needed per assembly are listed in numerical order on the following pages.

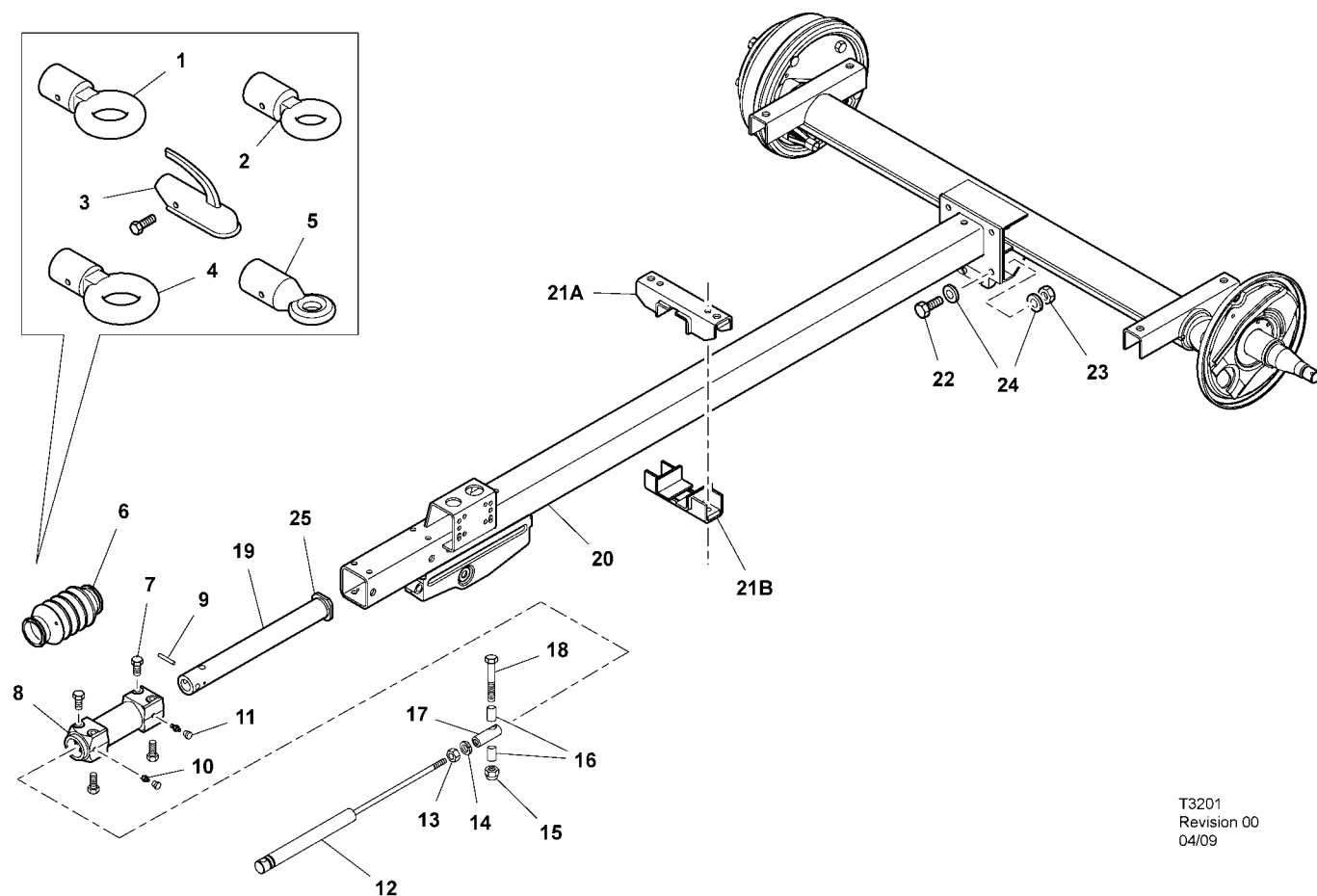
How to use this parts manual

1. Locate the desired illustration.
2. Locate the part on the illustration by visual identification and note the reference number.
3. Find the reference number on the tabulated page, along with the Part Number and Description.

How to order parts

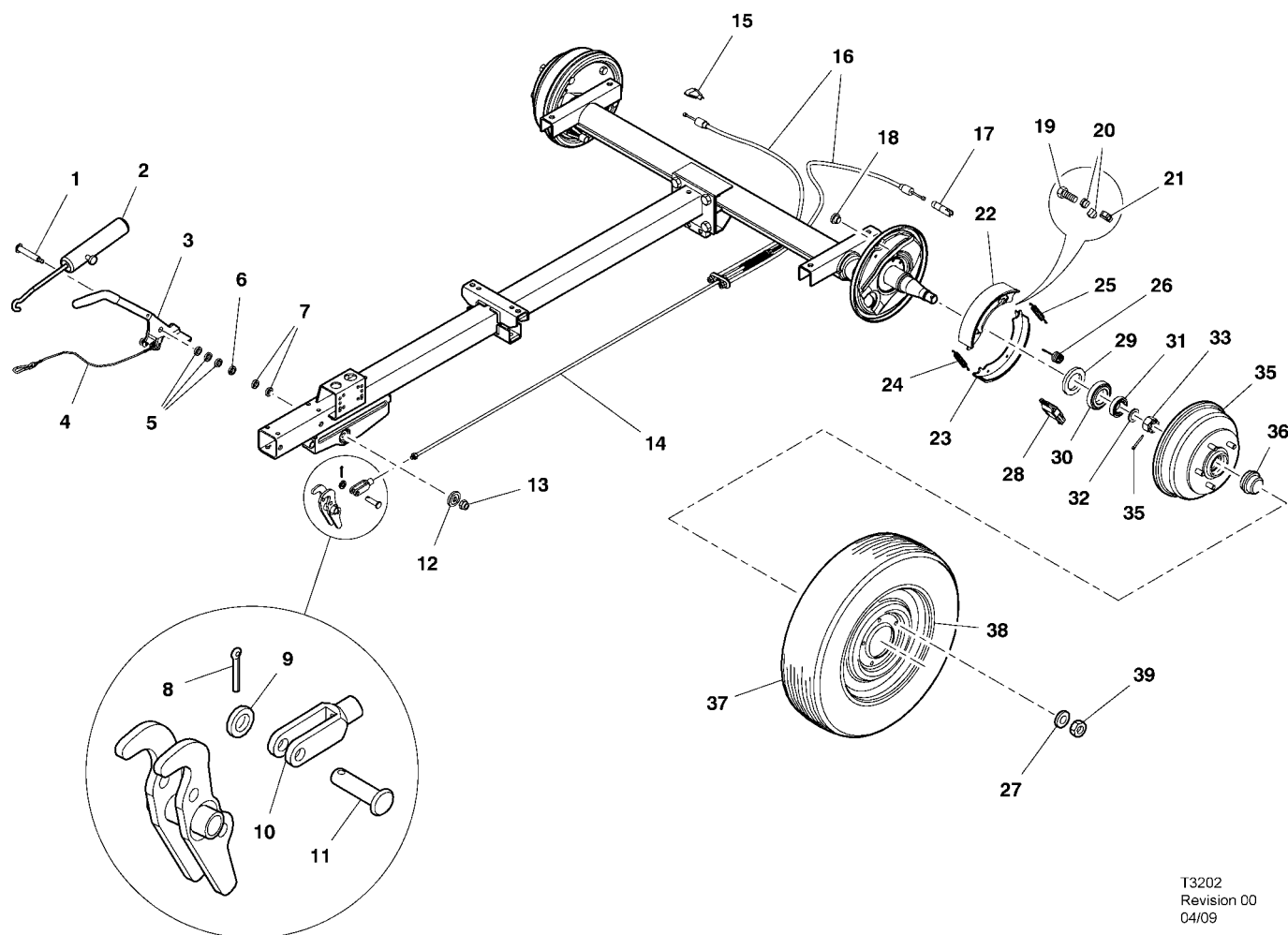
In order that all avoidable errors be eliminated when ordering parts, please specify the following:

1. The model number of the unit as shown on the Compressor Data Plate.
2. The serial number of the unit as shown on the Compressor Data Plate.
3. The part number of this manual.
4. The part number, description and quantity needed exactly as listed.
5. The motor data code shown on the motor data plate.



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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22097823	1	Eye Ø 68mm	13	22051577	1	Locknut
2	46518189	1	Eye Ø 50mm	14	22051585	1	Washer
3	22207815	1	Ball hitch	15	22051494	1	Locknut
4	22177620	1	Eye Ø 76mm	16	22251367	2	Bush
5	22177588	1	Eye Ø 40mm	17	22051544	1	Joint
6	22250393	1	Cover	18	22251482	1	Bolt
7	22241350	8	Bolt	19	22250518	1	Slider
8	22250450	1	Tube	20	22250583	1	Drawbar
9	46518197	1	Pin	21A	46559525	1	Clamp, upper
10	22241095	2	Nipple	21B	46550526	1	Clamp, lower
11	22241426	2	Cap	22	22251516	4	Bolt
12	22251243	1	Damper	23	22251540	4	Locknut
				24	22392344	12	washer
				25	22251102	1	Collar

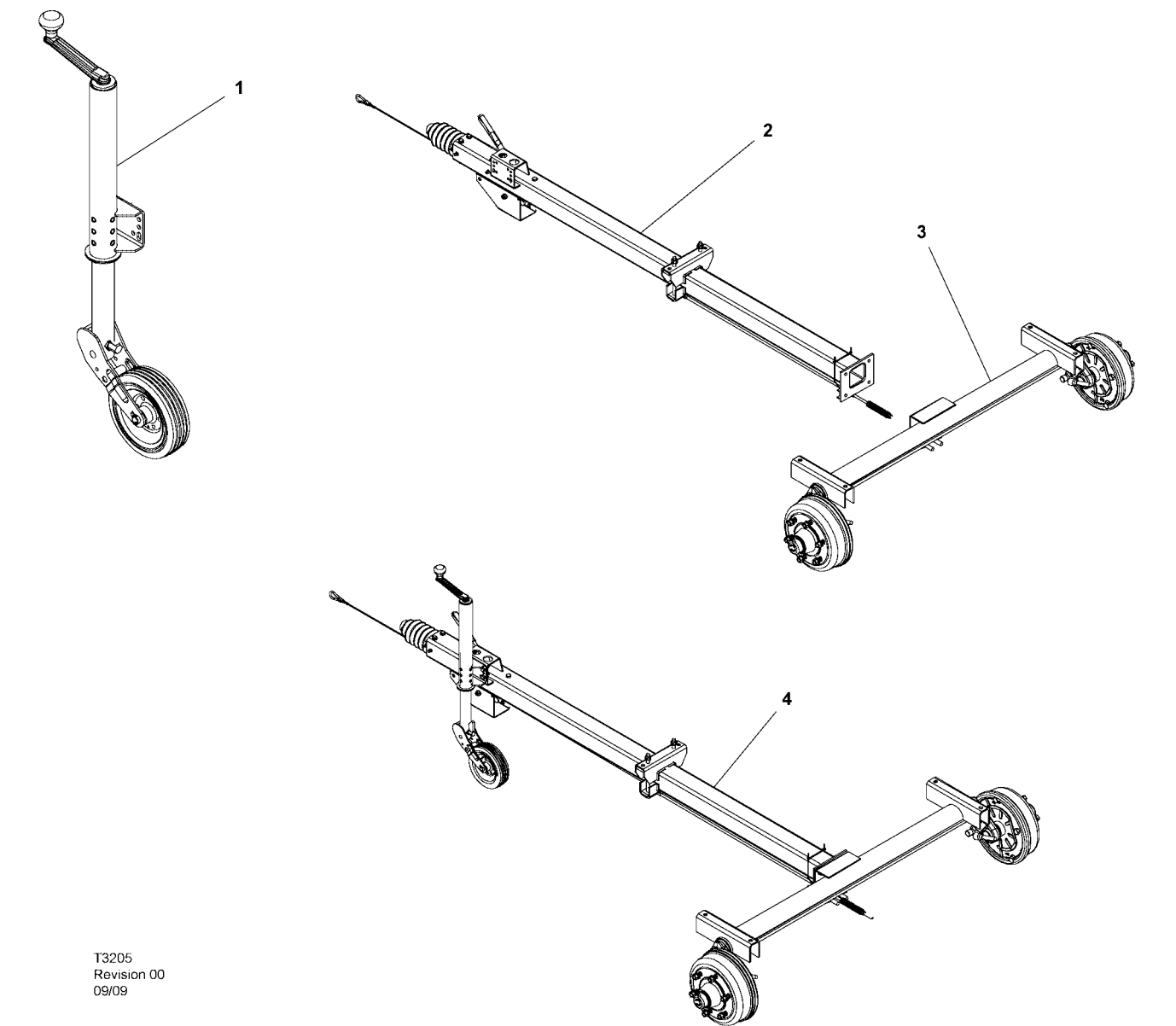


T3202
Revision 00
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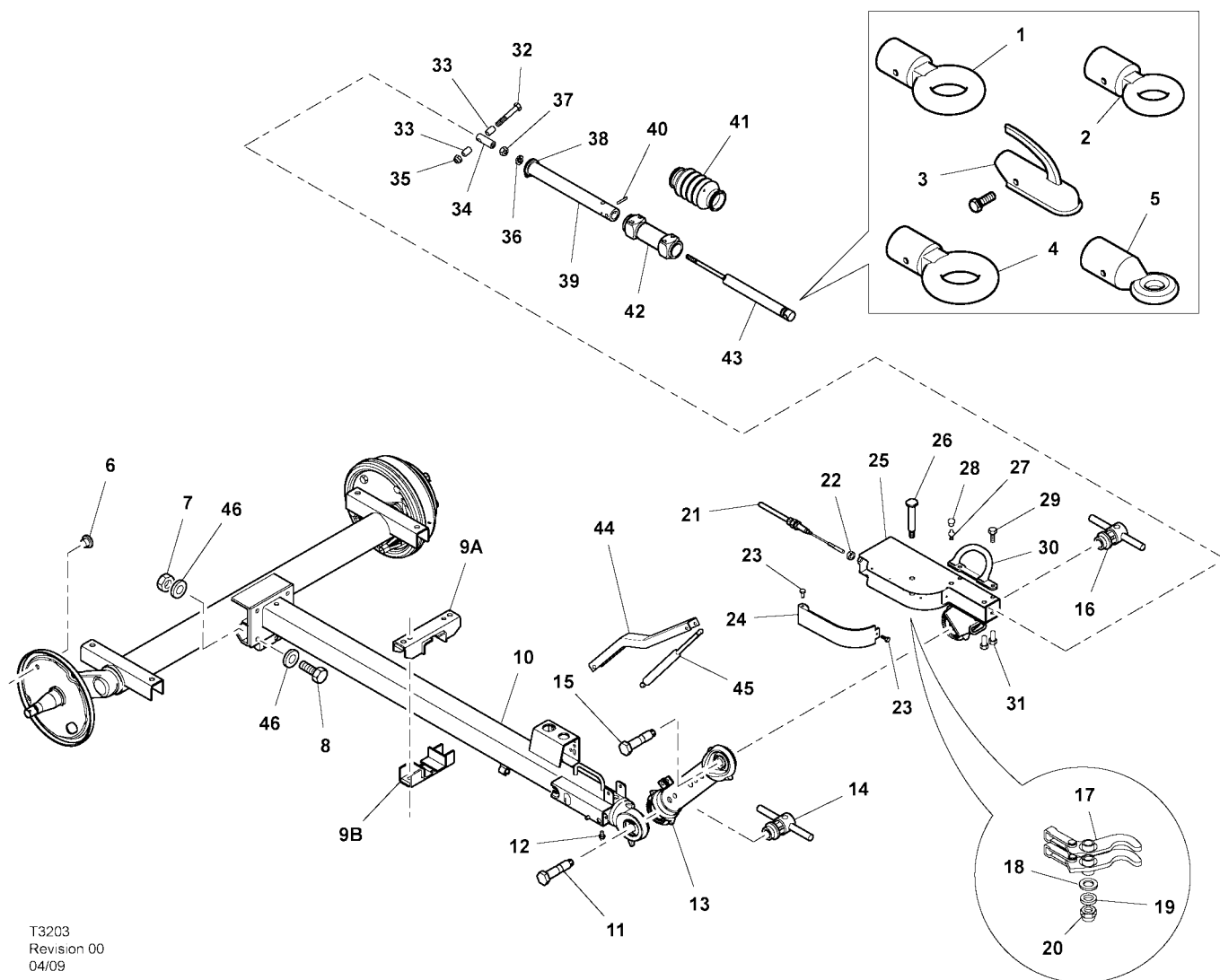
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46518205	1	Bolt	21	22250948	2	Taper
2	22251292	1	Spring	22	22250344	2	Shoe (front)
3	22051833	1	Lever, handbrake	23	22250351	2	Shoe (rear)
4	22051841	1	Cable	24	22250377	2	Spring (lower)
5	22241376	3	Washer	25	22250369	2	Spring (upper)
6	22051882	1	Washer	26	22250963	2	Spring
7	22250419	2	Washer	27	46518221	12	Washer
8-11	22251318	1	Lever assembly	28	22250872	2	Lever
8	22251532	1	Pin	29	22250831	2	Spacer
9	22241491	1	Washer	30	22250989	2	Bearing
10	22241483	1	Clevis	31	22250971	2	Bearing
11	22241160	1	Pin	32	22250856	2	Washer
12	22241194	1	Washer	33	22250997	2	Locknut
13	22051494	1	Locknut	34	22251524	2	Pin
14	46518213	1	Compensator	35	22250609	2	Drum
15	22250617	2	Cover	36	22250880	2	Cap
16	22250633	2	Cable	37-38	22584791	2	Wheel & tyre assembly
17	22250922	2	Eye	37	22584817	2	Tyre
18	22250914	4	Cover	38	22584809	2	Wheel
19	22250955	2	Screw	39	22251375	12	Nut
20	22250658	4	Key				

3

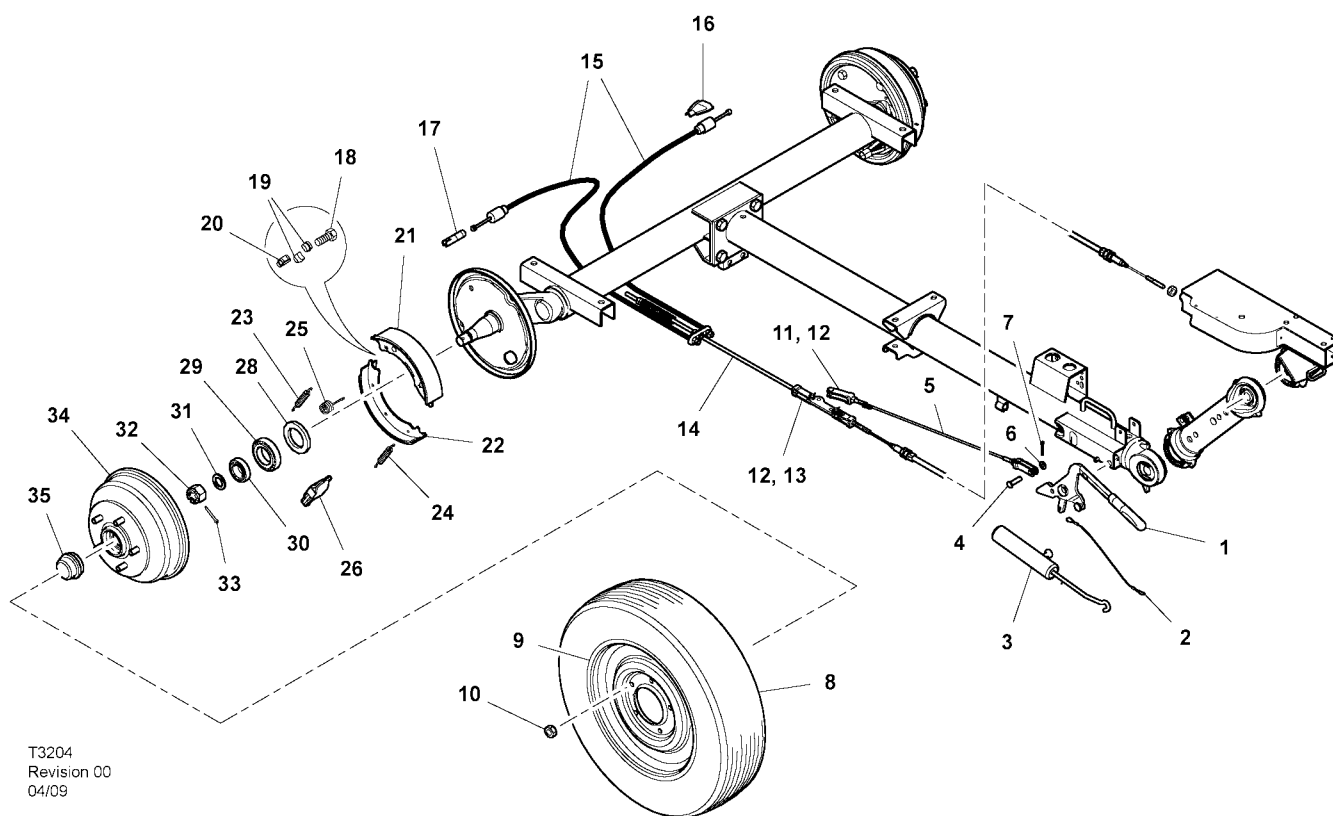
RUNNING GEAR (Fixed Height Braked) Knott



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22182075	1	Jockey wheel assembly	3	23099799	1	Axle tube assembly
2	23372949	1	Drawbar assembly	4	23372923	1	Running gear assembly

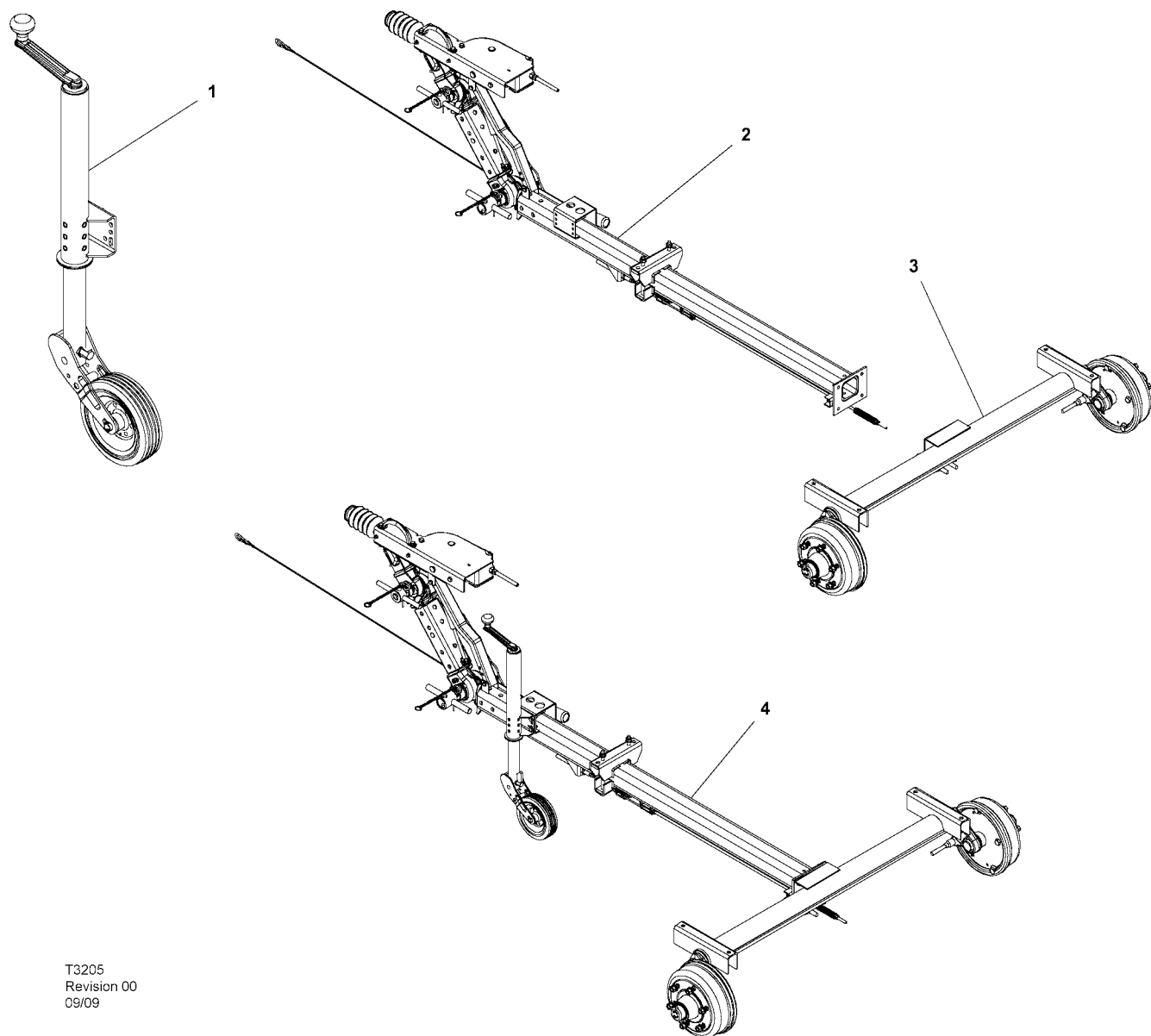


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22207823	1	Eye Ø 68mm	22	22051577	2	Nut
2	46518189	1	Eye Ø 50mm	23	22241533	3	Screw
3	22207815	1	Ball hitch	24	22250443	1	Cover
4	22177620	1	Eye Ø 76mm	25	22250534	1	Coupling assembly
5	22177588	1	Eye Ø 40mm	26	22250492	1	Bolt
6	22250914	4	Cover	27	22241095	2	Nipple
7	22251540	4	Locknut	28	22241426	1	Cap
8	22251516	4	Bolt	29	22241368	2	Screw
9A	46559525	1	Clamp, upper	30	22250864	1	Handle
9B	46550526	1	Clamp, lower	31	22241368	6	Screw
10	22250559	1	Drawbar	32	22251409	1	Bolt
11	22250823	1	Bolt	33	22051551	2	Bush
12	22241400	1	Nipple	34	22051544	1	Joint
13	22250526	1	Link, adjustable	35	22051494	2	Locknut
14	22056123	1	Handle	36	22051577	2	Nut
15	22241178	1	Bolt	37	22051585	1	Lockwasher
16	22251250	1	Handle	38	22051429	1	Collar
17	22250542	1	Lever	39	22251284	1	Slider
18	22051882	2	Washer	40	22251599	1	Pin
19	22051874	1	Washer	41	22051510	1	Cover
20	22051494	2	Locknut	42	22250401	1	Tube
21	46518239	1	Cable	43	22251227	1	Damper
				44	22251326	1	Link
				45	23179310	1	Damper
				46	22392344	8	washer



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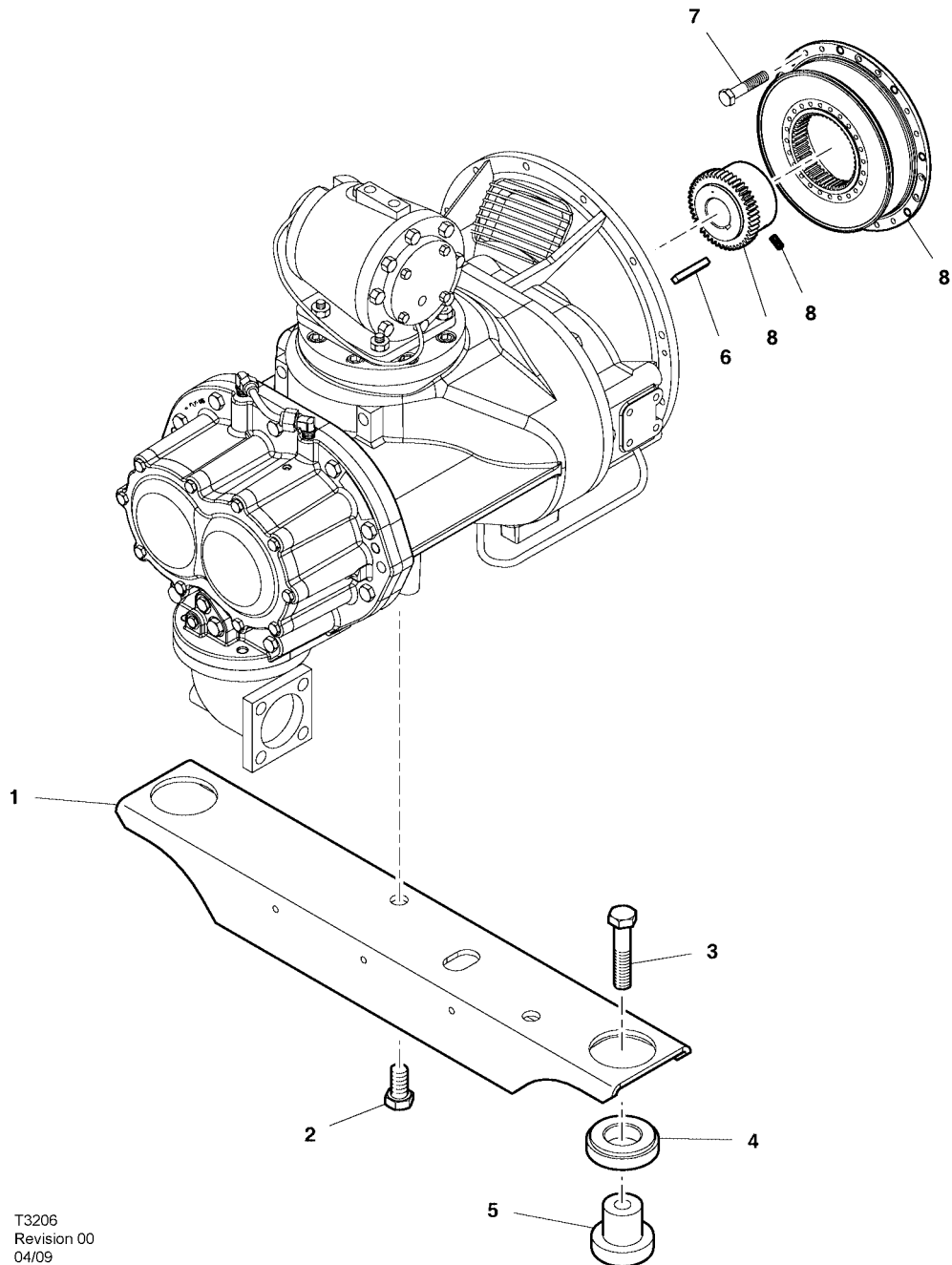
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22066823	1	Lever, handbrake	19	22250658	4	Key
2	22241418	1	Cable	20	22250948	2	Taper
3	22250765	1	Spring	21	22250344	2	Shoe (front)
4	22241160	2	Pin	22	22250351	2	Shoe (rear)
5	22241152	1	Cable	23	22250369	2	Spring (upper)
6	22241491	2	Washer	24	22250377	2	Spring (lower)
7	22251532	2	Pin	25	22250963	2	Spring
8-9	22584791	2	Wheel & tyre assembly	26	22250872	2	Lever
8	22584817	2	Tyre	27	-	-	-
9	22584809	2	Wheel	28	22250831	2	Spacer
10	22251375	12	Nut	29	22250989	2	Bearing
11	22241483	2	Clevis	30	22250971	2	Bearing
12	22051577	2	Nut	31	22250856	2	Washer
13	22251573	1	Cable	32	22250997	2	Locknut
14	22250575	1	Compensator	33	22251524	2	Pin
15	46158247	2	Cable	34	22250609	2	Drum
16	22250617	2	Cover	35	22250880	2	Cap
17	22250922	2	Eye				
18	22250955	2	Screw				



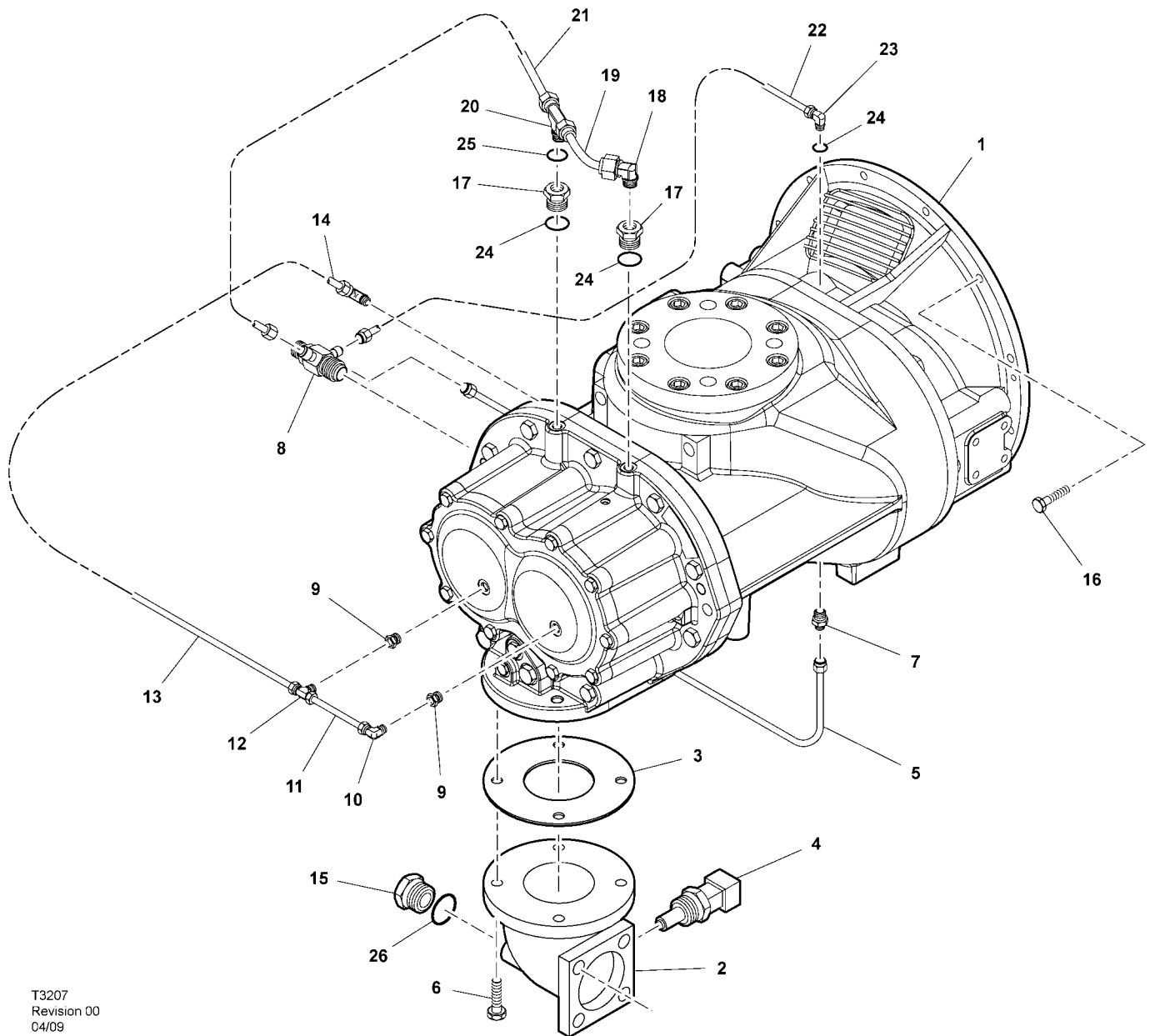
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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22182075	1	Jockey wheel assembly	3	23099799	1	Axle tube assembly
2	23099807	1	Drawbar assembly	4	23063076	1	Running gear assembly

7 AIREND ASSEMBLY

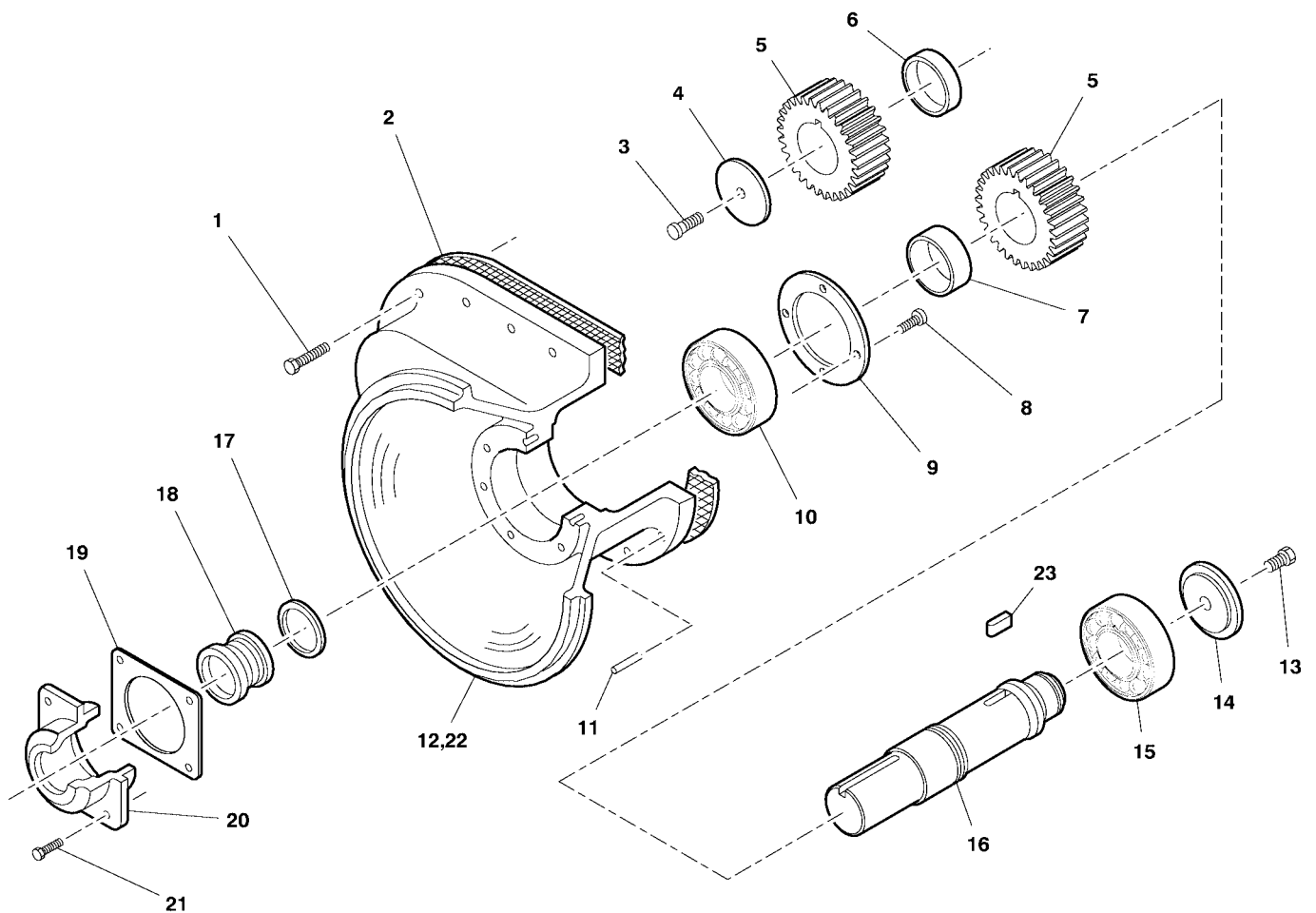


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23077563	1	Bracket	5	35318229	2	Mount
2	35375591	2	Screw	6	35364975	1	Key
3	35290113	2	Screw	7	95686333	8	Screw
4	36845170	2	Spacer	8	23094709	1	Coupling assembly



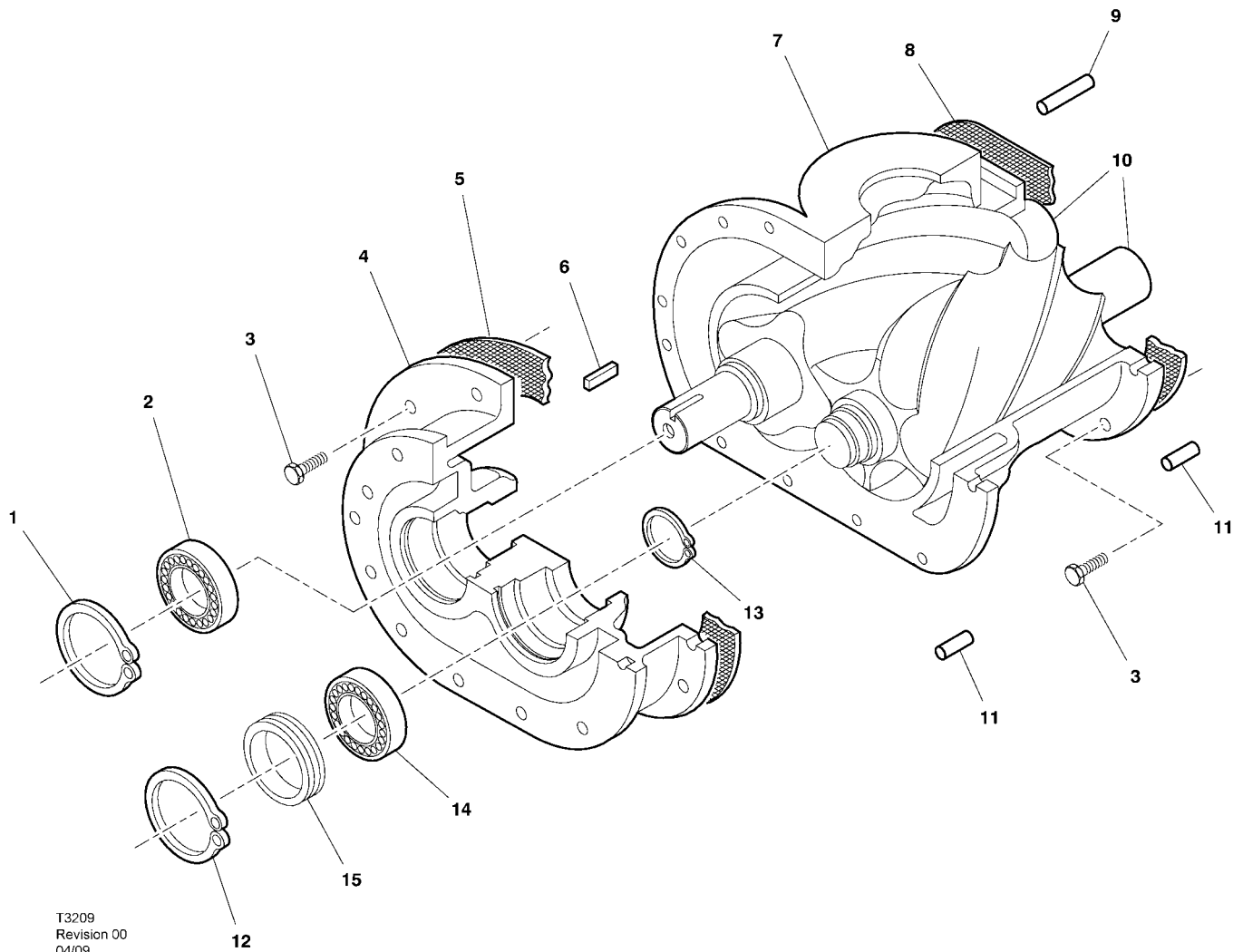
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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	36010643	1	Airend Assembly	14	35305622	1	Elbow
2	22247340	1	Elbow, Discharge	15	35278555	1	Plug, Adapter
3	35575570	1	Gasket, Airend Discharge	16	36880995	12	Screw, Hex
4	36898922	1	Sensor, Temperature	17	35287945	2	Expander
5	23162233	1	Tube, Airend Oil	18	35279827	1	Elbow
6	35375385	4	Screw, Hex	19	36795482	1	Tube Assembly
7	95402806	1	Adapter	20	35279843	1	Tee
8	36845154	1	Manifold, Oil	21	36846087	1	Tube, Bearing Oil Supply
9	36846095	2	Connector, O-RING	22	22189591	1	Tube, Airend Oil
10	35286491	1	Elbow	23	35279876	1	Elbow
11	36846111	1	Tube, Rear Scavenge	24	35279959	3	O-Ring
12	36846129	1	Tee	25	35278571	1	O-Ring
13	36846103	1	Tube, Bearing Oil Scavenge	26	35278589	1	O-Ring

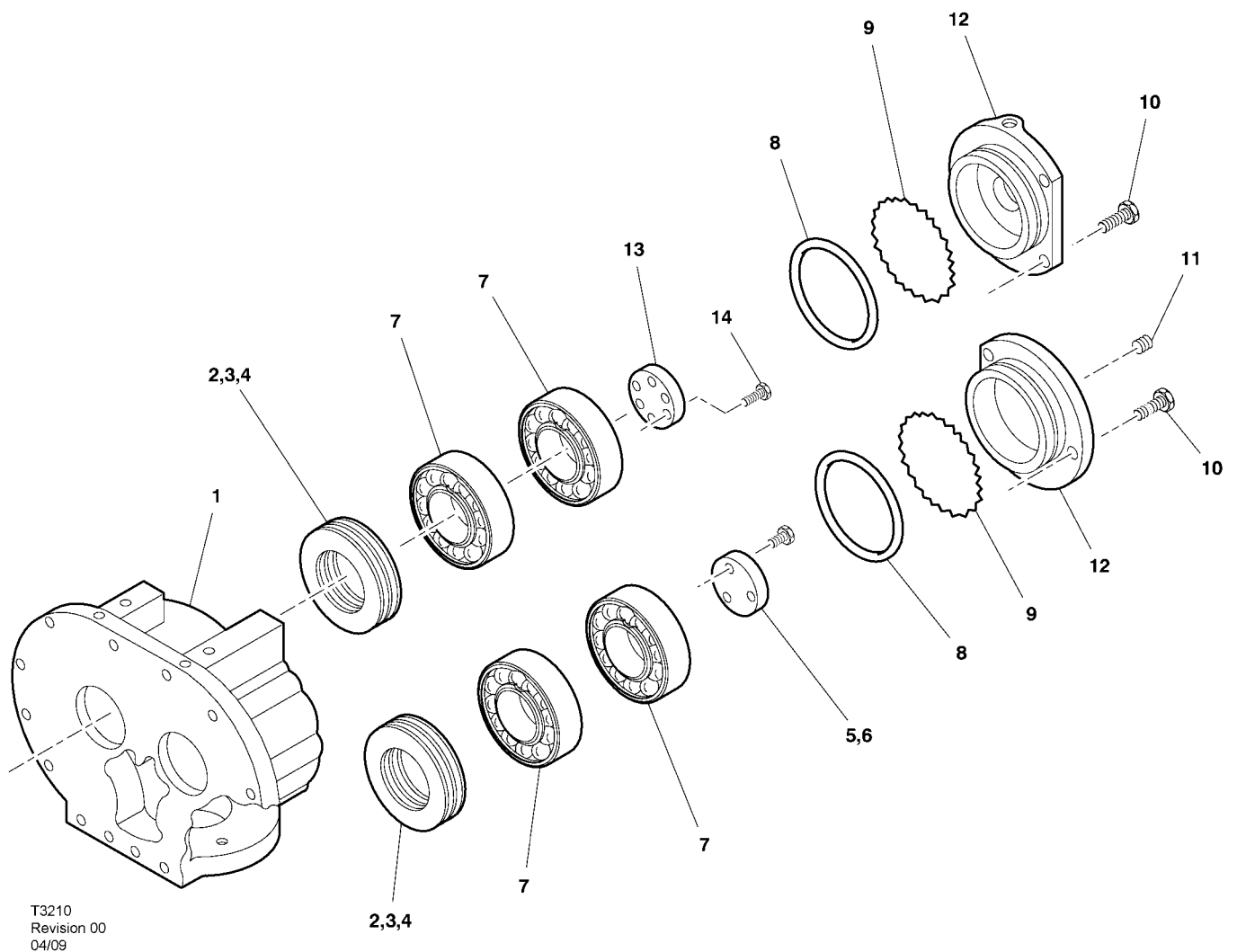


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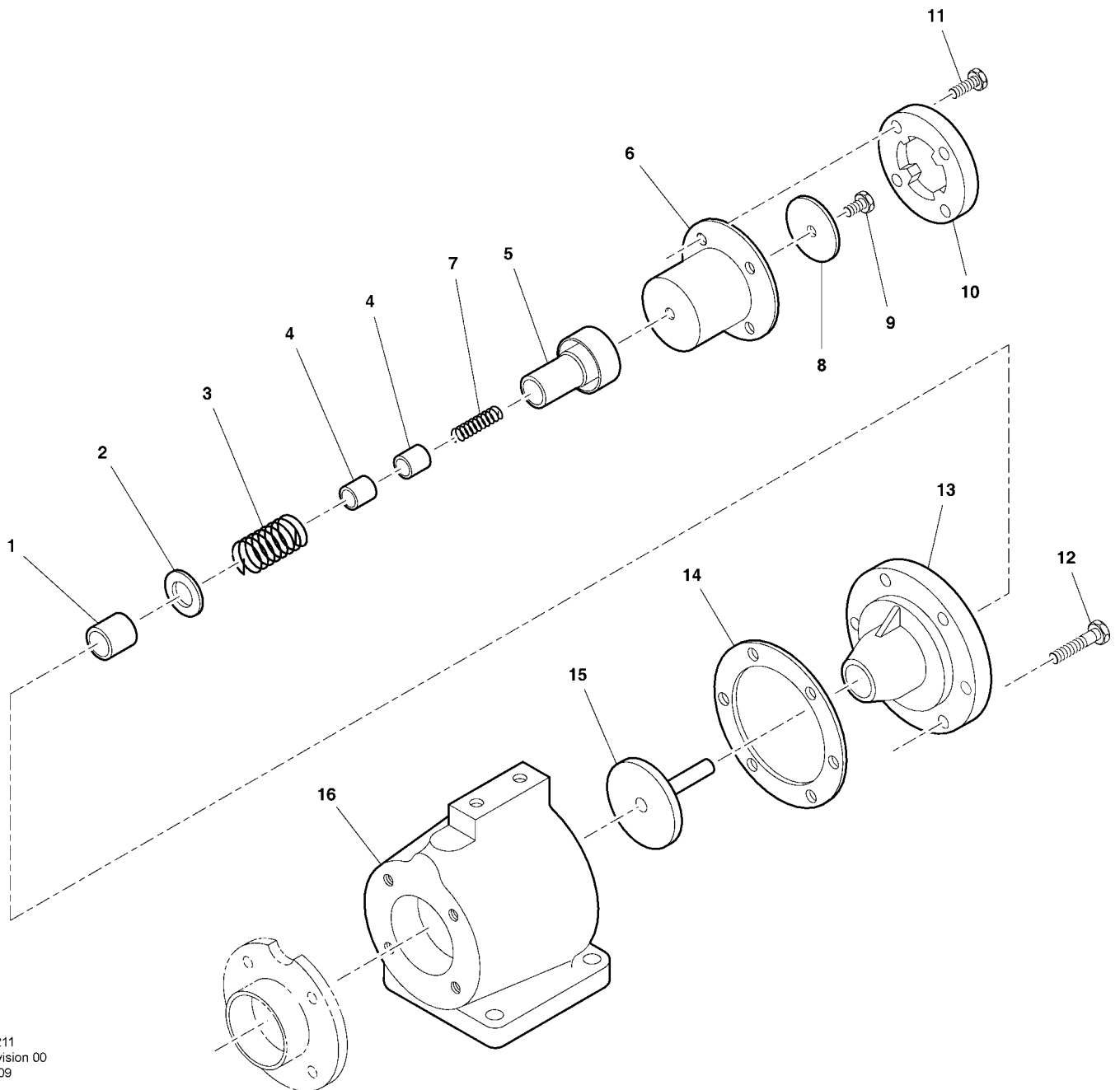
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	96716162	8	Screw, Socket Head	13	35336304	1	Screw, Socket Head Cap
2	39437637	1	Gasket	14	36764785	1	Cap, Guide
3	35108372	1	Screw, Socket Head	15	35313568	1	Bearing, Cylindrical Roller
4	35255827	1	Plate, Clamp	16	36780906	1	Shaft, Drive
5	36751659	1	Gear Set	17	95200945	1	Nut, Bearing Lock
6	35262716	1	Spacer	18	35593508	1	Seal, Oil
7	35269224	1	Spacer, Bearing	19	35210087	1	Gasket
8	95264149	4	Screw, Socket Head Cap	20	35592757	1	Cover, Oil Seal
9	35573070	1	Plate, Retaining	21	96712187	6	Screw, Hex Head
10	35601517	1	Bearing, Ball	22	36798205	2	Guard, Gear Case
11	95239919	2	Pin, Dowel	23	35361328	1	Key
12	35996164	1	Case, Gear				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	95223194	1	Ring, Snap	9	95239927	2	Pin, Dowel
2	35313535	1	Bearing, Cylindrical Roller	10	36008241	1	Rotor Set
3	96716162	25	Screw, Socket Head	11	35332915	2	Pin, Locator
4	39703921	1	Housing, Front Bearing	12	95223178	1	Ring, Snap
5	35518497	1	Gasket, Front Bearing Housing	13	95223806	1	Ring, Snap
6	95381109	1	Key	14	35609361	1	Bearing, Cylindrical Roller
7	39748942	1	Housing, Rotor	15	35270131	1	Spacer, Bearing
8	39437629	1	Gasket, Rear Bearing Housing				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	36769404	1	Housing, Rear Bearing	8	95358131	2	O-Ring
2	35313600	4	Shim, .002	9	35354448	2	Shim Set
3	35313618	4	Shim, .003	10	96712187	6	Screw, Hex Head
4	35364769	2	Shim, .010	11	95938205	1	Plug
5	35262690	1	Plate, Clamp	12	36500832	2	Cover, Rear Bearing
6	35104108	3	Screw, Hex Head	13	39435441	1	Plate, Clamp
7	39437595	4	Bearing, Tapered Roller	14	95494167	8	Screw, Hex Socket Head Cap

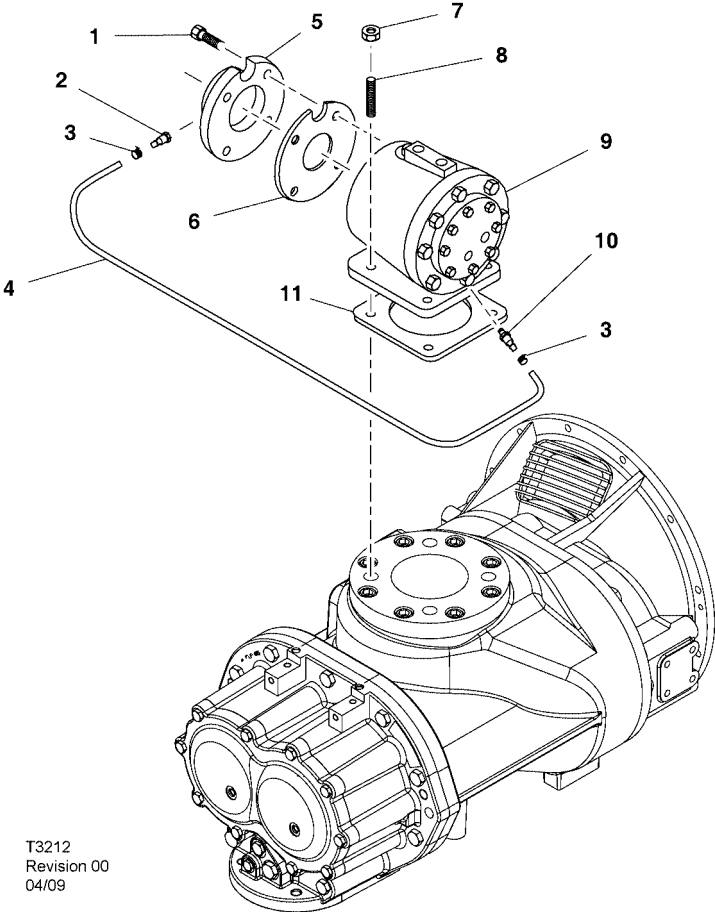


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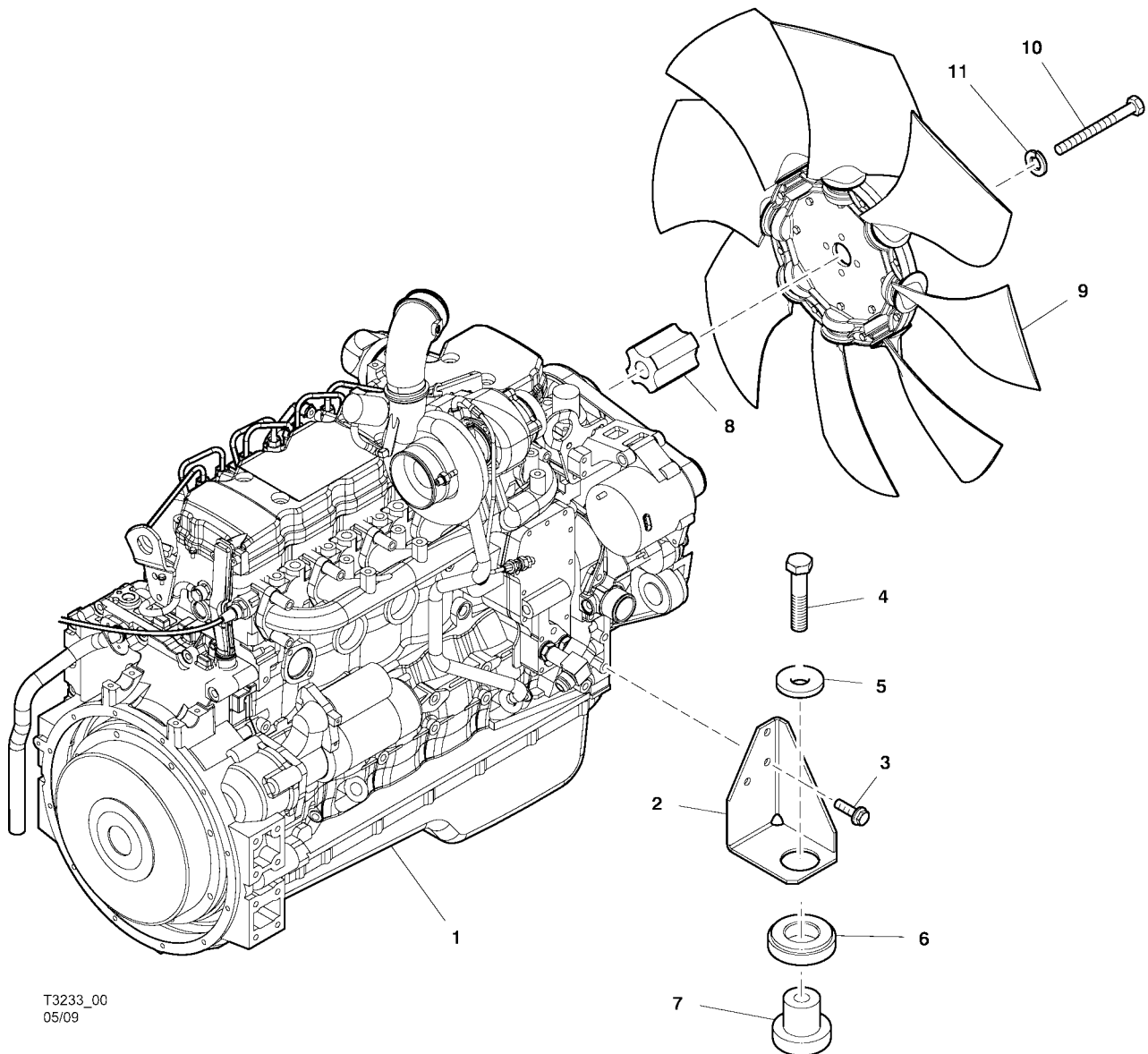
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-16	36011567	1	Valve Assembly, Unloader	10	36849461	1	Cover, Piston
1	35318013	1	Bushing, Housing	11	35271162	4	Screw, Hex
2	35317205	1	Washer, Piston 43mm	12	96702287	6	Screw, Hex
3	35322767	1	Spring, Piston	13	35833227	1	Housing, Piston
4	35318005	2	Bushing, Piston	14	35588300	1	Gasket, Piston
5	35588193	1	Piston, Unloader	15	35591122	1	Valve, Unloader
6	35317197	1	Diaphragm	16	36849453	1	Body, Unloader
7	35321603	1	Spring	*17	46550520	1	Unloader Overhaul Kit
8	35317239	1	Washer, Piston 64mm				
9	35321595	1	Screw, Button Head Socket Cap				* Not illustrated

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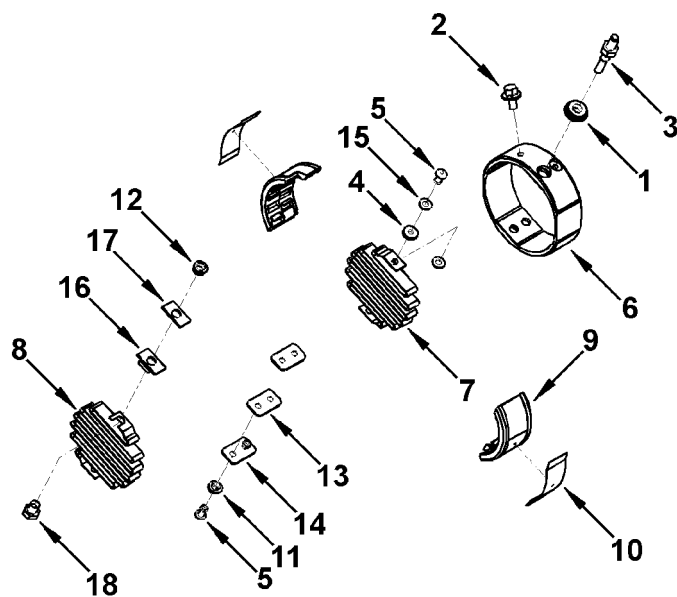
AIREND ASSEMBLY



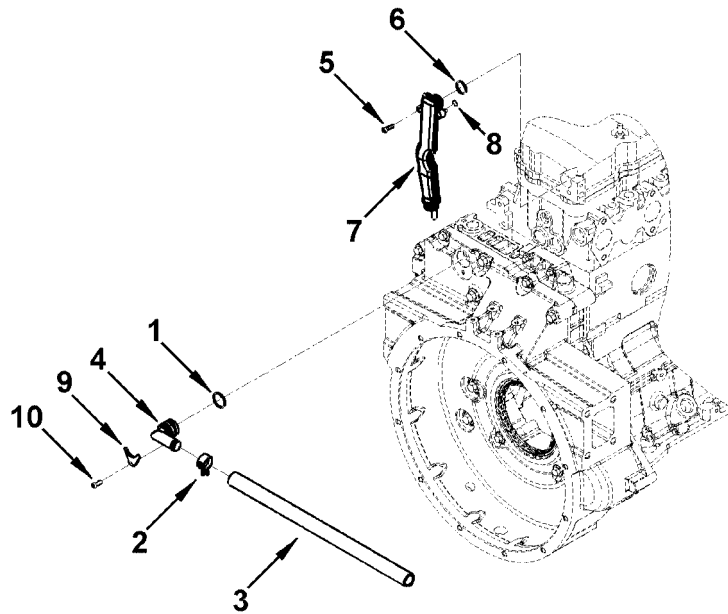
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	96702816	4	Screw, Hex	7	96701750	4	Nut, Hex
2	35316587	1	Adapter, Barbed	8	35323450	4	Stud
3	35377621	2	Clamp, Spring	9	35060631	1	Valve Assembly, Unloader
4	35282292	1	Tubing, Tygon 1/8" ID x 14"	10	35323542	1	Adapter, Unloader
5	35843168	1	Flange, Unloader Inlet	11	35589589	1	Gasket, Unloader to Airend
6	35588318	1	Gasket, Unloader Inlet				



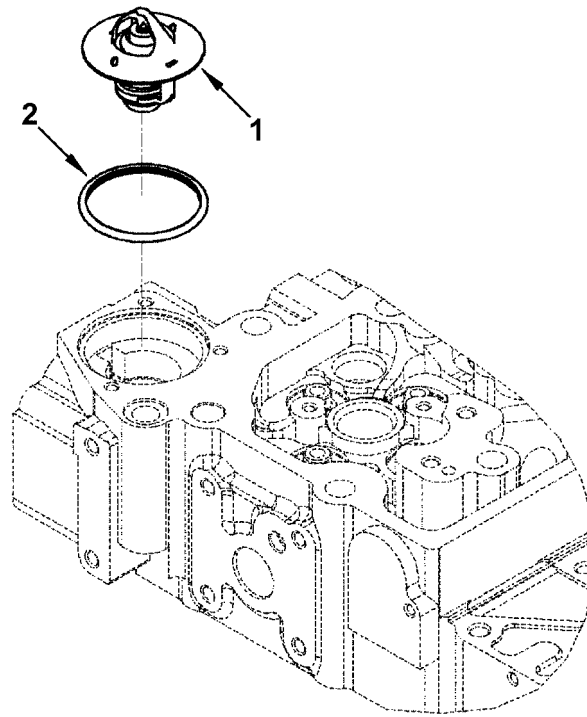
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23050248	1	Engine	7	35318229	2	Mount
2	23078132	2	Bracket	8	23102551	1	Spacer, fan
3	96727177	6	Screw	9	22712350	1	Fan
4	96701503	2	Screw	10	96705033	4	Bolt
5	35327212	2	Washer	11	92304674	4	Washer
6	36845170	2	Spacer				



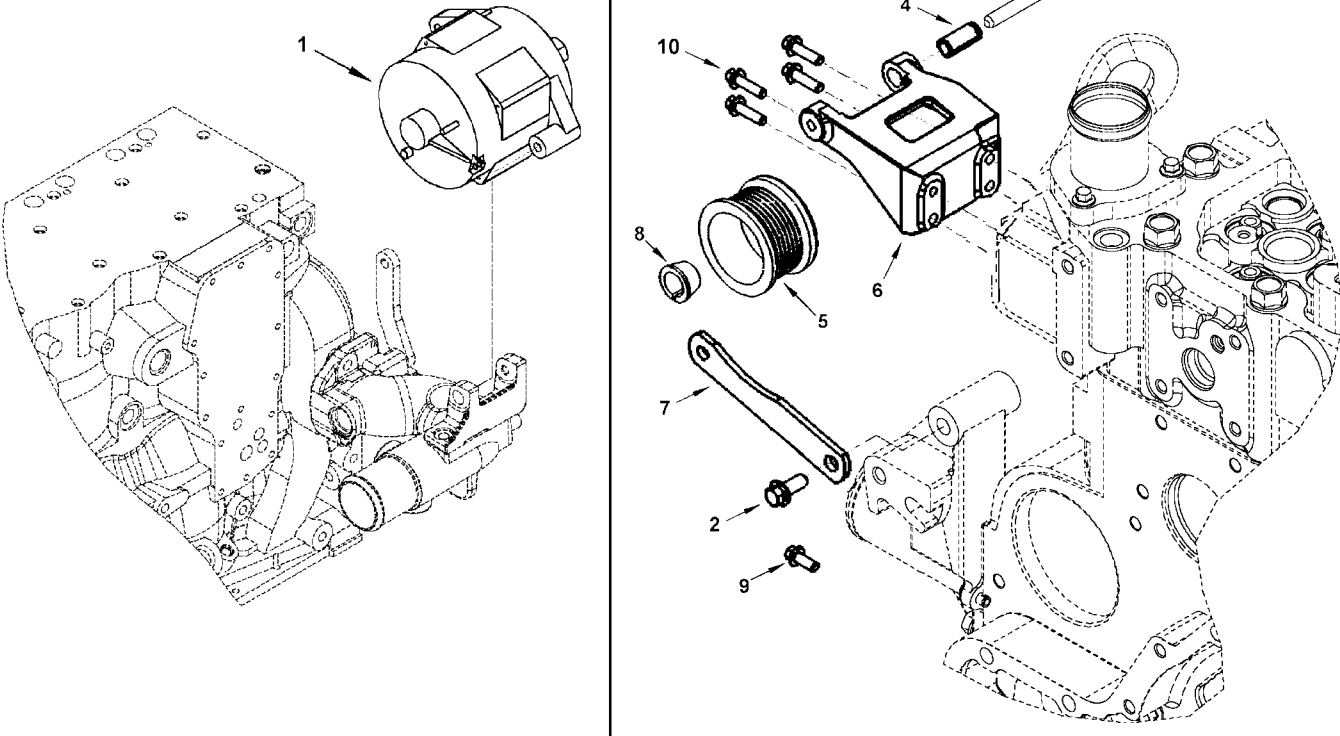
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46519922	1	Cover, retainer	10	46520011	2	Leafspring
2	80026420	1	Screw, M6 x 10	11	46520029	2	Washer
3	46519930	1	Screw	12	46520037	1	Washer
4	46519955	1	Washer	13	46520045	1	Washer
5	46519963	3	Rivet	14	46520052	1	Washer
6	46519971	1	Housing starting aid	15	46520060	2	Washer
7	46519989	1	Element, heating	16	46520078	1	Retainer
8	46519997	1	Element, heating	17	46520086	1	Washer
9	46520003	2	Retainer, element	18	46520094	1	Adaptor



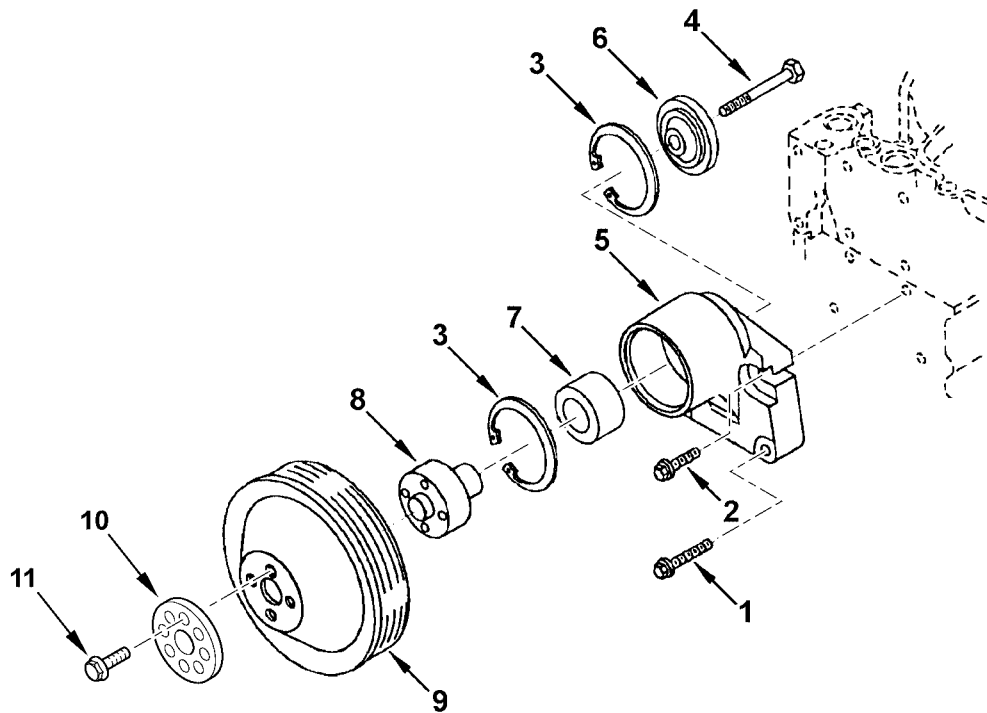
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46520102	1	'O'-Ring	6	46520169	2	'O'-Ring
2	46520110	1	Clamp, hose	7	46520177	1	Tube, breather
3	46520128	1	Hose	8	46520185	1	'O'-Ring
4	46520136	1	Breather, crankcase	9	46520193	1	Plate, clamping
5	46520144	1	Capscrew	10	46518452	1	Capscrew



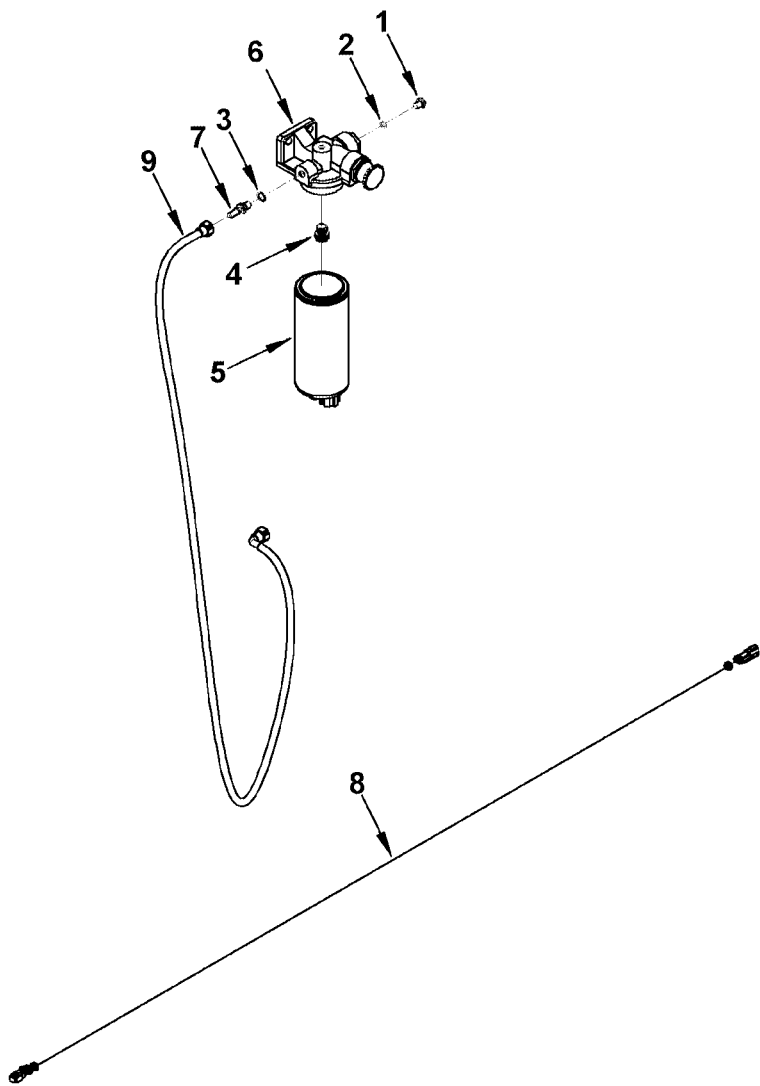
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-2	46518460	1	Thermostat assembly				
1	46518478	1	Thermostat (83°C)				
2	46518486	1	Seal				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23190226	1	Alternator	6	46518536	1	Support
2	15900566	2	Screw	7	46518544	1	Brace
3	46518502	1	Screw	8	46518551	1	Retainer
4	46518510	1	Spacer	9	15902935	1	Screw, M8 x 40
5	46518528	1	Pulley	10	15904642	4	Screw

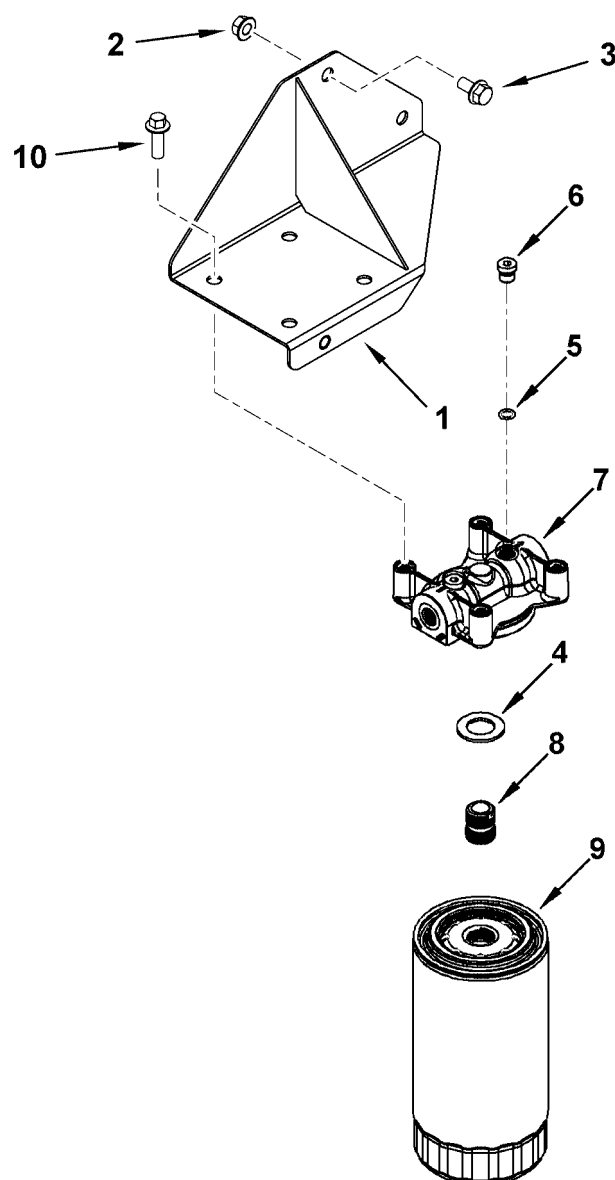


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46518569	2	Screw	7	15904576	1	Bearing, ball
2	46518577	2	Screw	8	15904584	1	Hub, fan
3	15904618	2	Ring, retaining	9	46518601	1	Pulley, fan
4	15904600	1	Screw, M10 x 70	10	46518619	1	Plate, clamping
5	46518593	1	Support, fan	11	15900566	4	Screw
6	15904592	1	Retainer, fan hub				

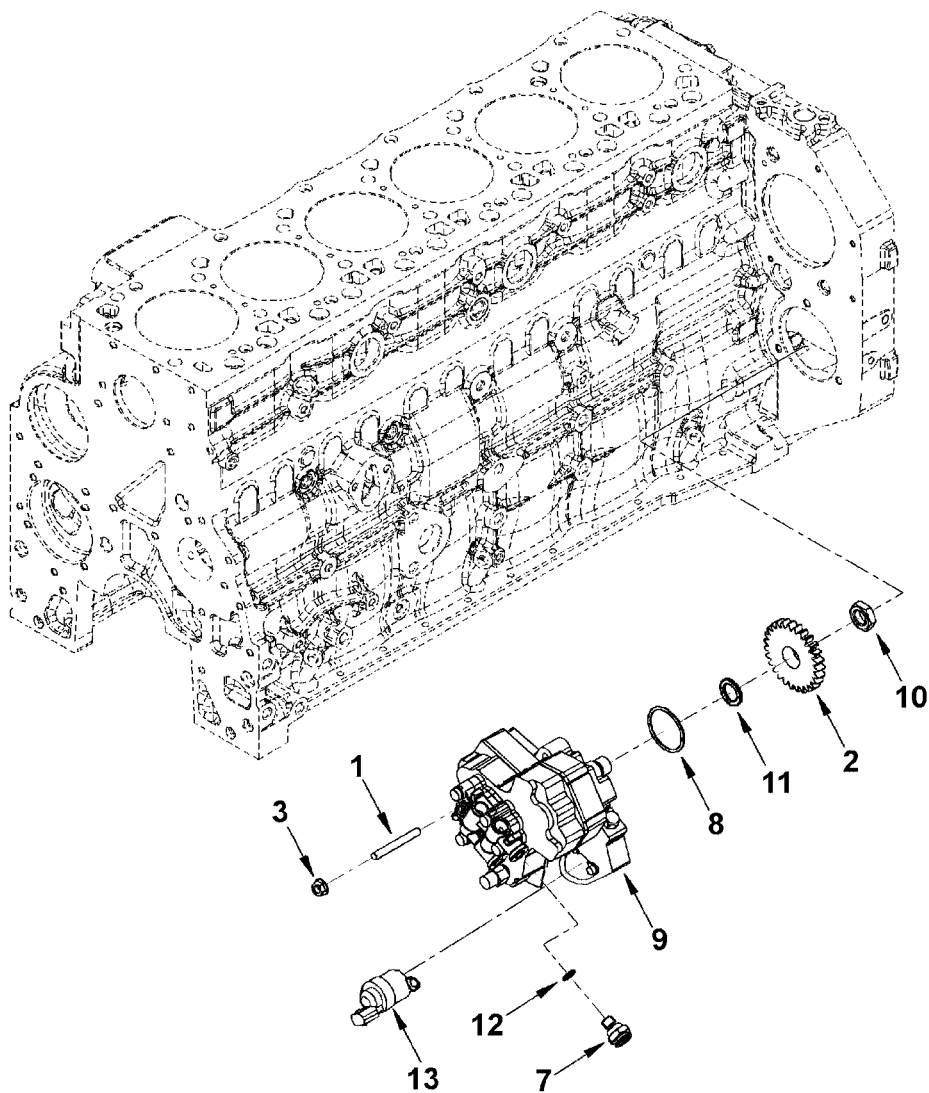


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-7	23190150	1	Fuel filter assembly	5	23190192	1	Filter, fuel
1	46518833	1	Plug	6	46518882	1	Head, fuel filter
2	46518841	1	Washer	7	46518890	1	Connector
3	80027147	1	Washer	8	80026891	1	Harness, wiring (water in fuel)
4	46518858	1	Adaptor	9	46518908	1	Hose

21 FUEL FILTER SECONDARY



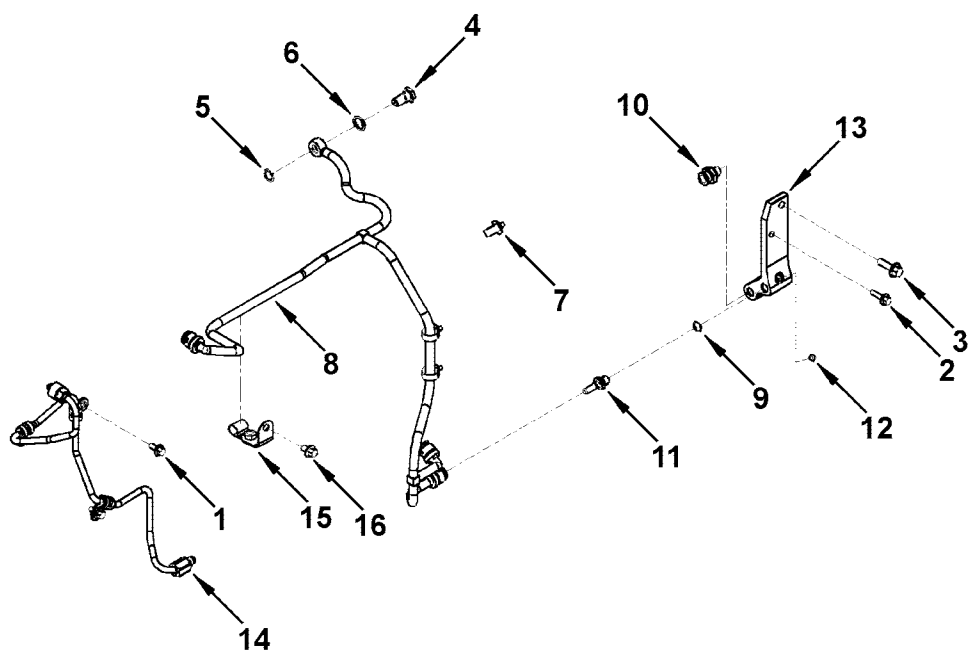
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23118979	1	Bracket	6	46518700	1	Plug
2	92398114	2	Nut, M8	7	46518718	1	Head, fuel filter
3	96728480	2	Screw, M8 x 16	8	46518726	1	Adaptor
4-9	23190168	1	Fuel filter assembly	9	23190184	1	Filter, fuel
4	46518684	1	Gasket	10	36889608	4	Screw, M8 x 25
5	46518692	1	'O'-Ring				



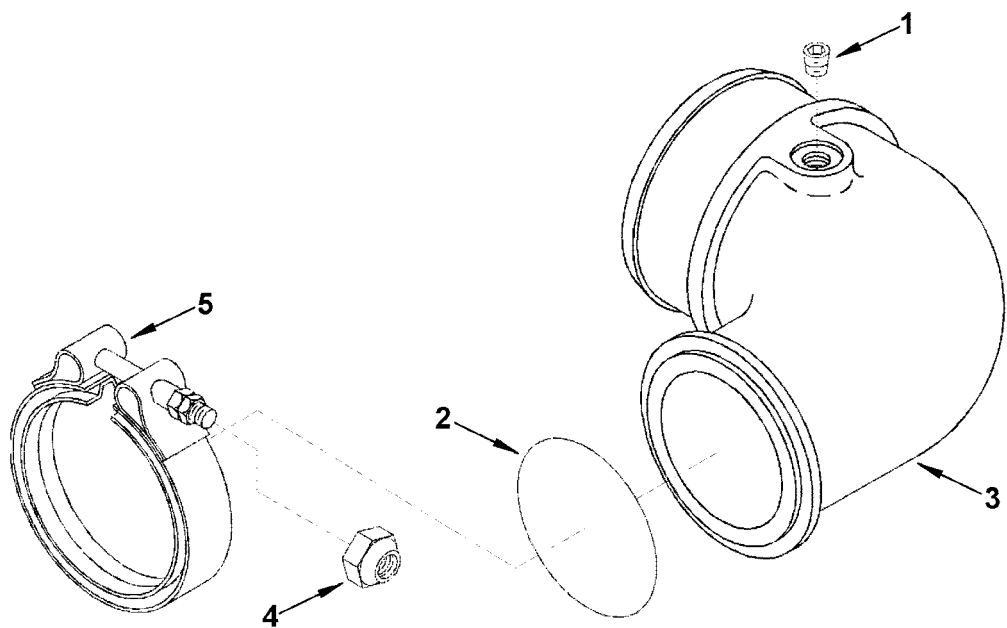
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46518742	3	Stud	9	46518783	1	Pump, fuel injection
2	46518759	1	Gear	10	15903040	1	Nut, M8
3	15903040	3	Nut, M8	11	46518809	1	Washer, spring
7	46518767	1	Connector	12	46518817	1	Washer
8	46518775	1	'O'-Ring	13	46518825	1	Actuator, electronic fuel control

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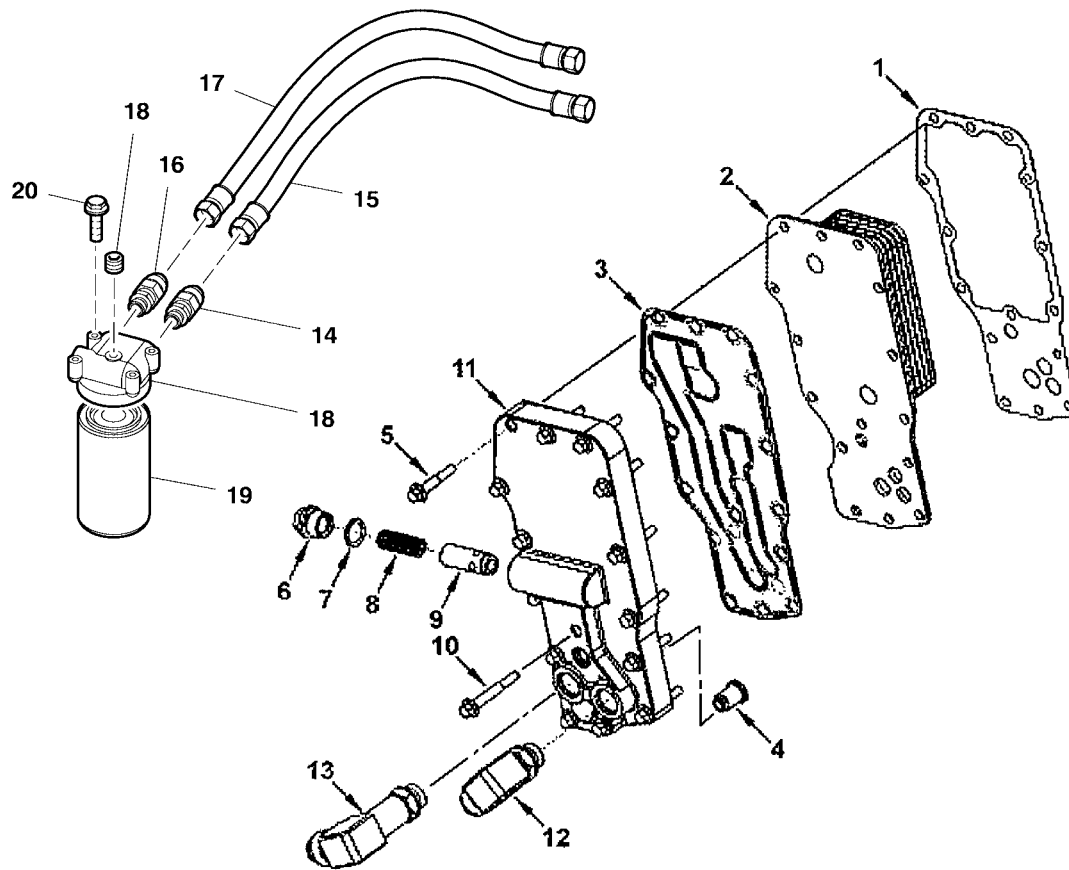
FUEL PLUMBING



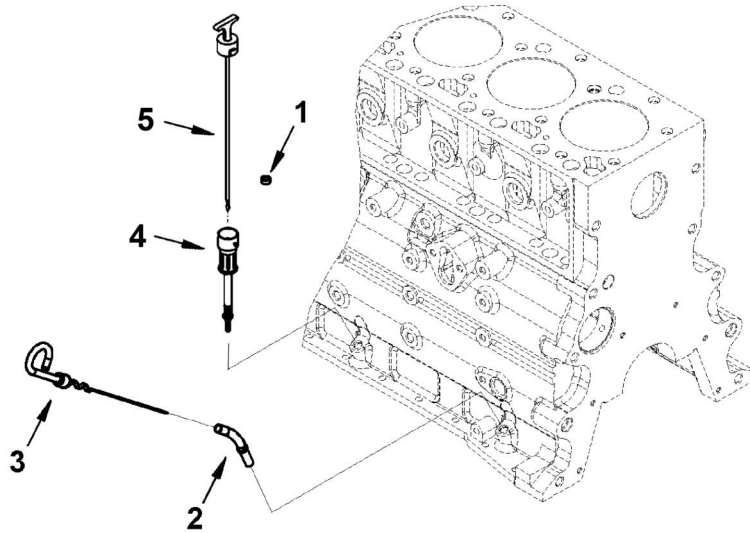
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46518916	2	Screw, M8 x 16	9	46518819	1	Washer
2	15902935	1	Screw, M8 x 25	10	46518965	1	Connector
3	15900558	1	Screw, M10 x 30	11	46518973	2	Connector
4	80026958	1	Valve, check	12	46518999	1	Plug, expansion
5	15893993	1	Washer	13	46519005	1	Adaptor
6	80027139	1	Washer	14	46519013	1	Tube
7	46518924	3	Clip	15	46519021	1	Bracket
8	46518932	1	Tube	16	46519039	2	Screw



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46518494	1	Plug	4	46519096	1	Locknut
2	46519583	1	'O'-Ring	5	23190135	1	Clamp, V band
3	23190127	1	Pipe				



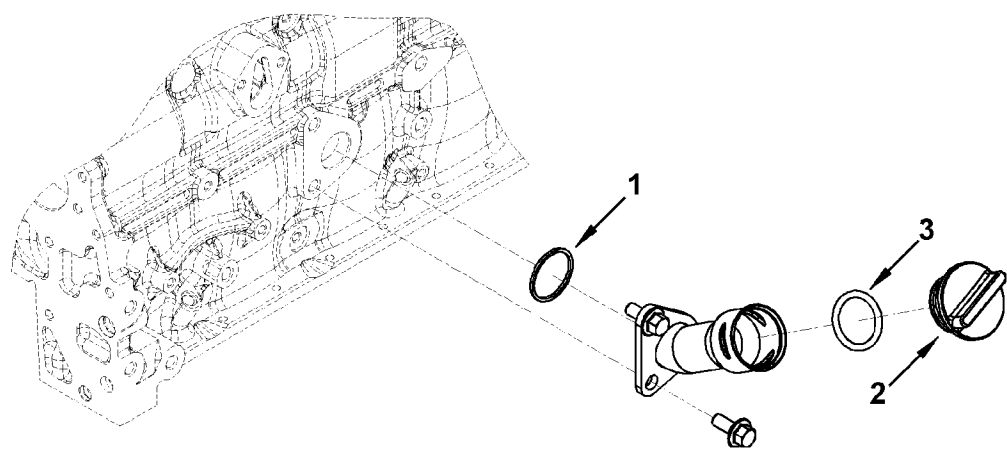
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46550509	1	Gasket, Oil Cooler Core	11	46550517	1	Head, Lub Oil Filter
2	46550510	1	Core, Cooler	12	46550518	1	Elbow
3	46550511	1	Gasket, Filter Head	13	46550519	1	Elbow
4	46550512	1	Valve, Pressure Relief	14	46520672	1	Connector
5	15904642	14	Screw	15	46520680	1	Hose assembly
6	46550513	1	Plug	16	46520698	1	Connector
7	46550514	1	Seal, O Ring	17	46520706	1	Hose assembly
8	46519062	1	Spring, Compression	18	46520748	1	Filter head and plug, oil remote
9	46550515	1	Plunger	19	23190200	1	Filter, oil
10	46550516	1	Screw	20	36889608	4	Screw



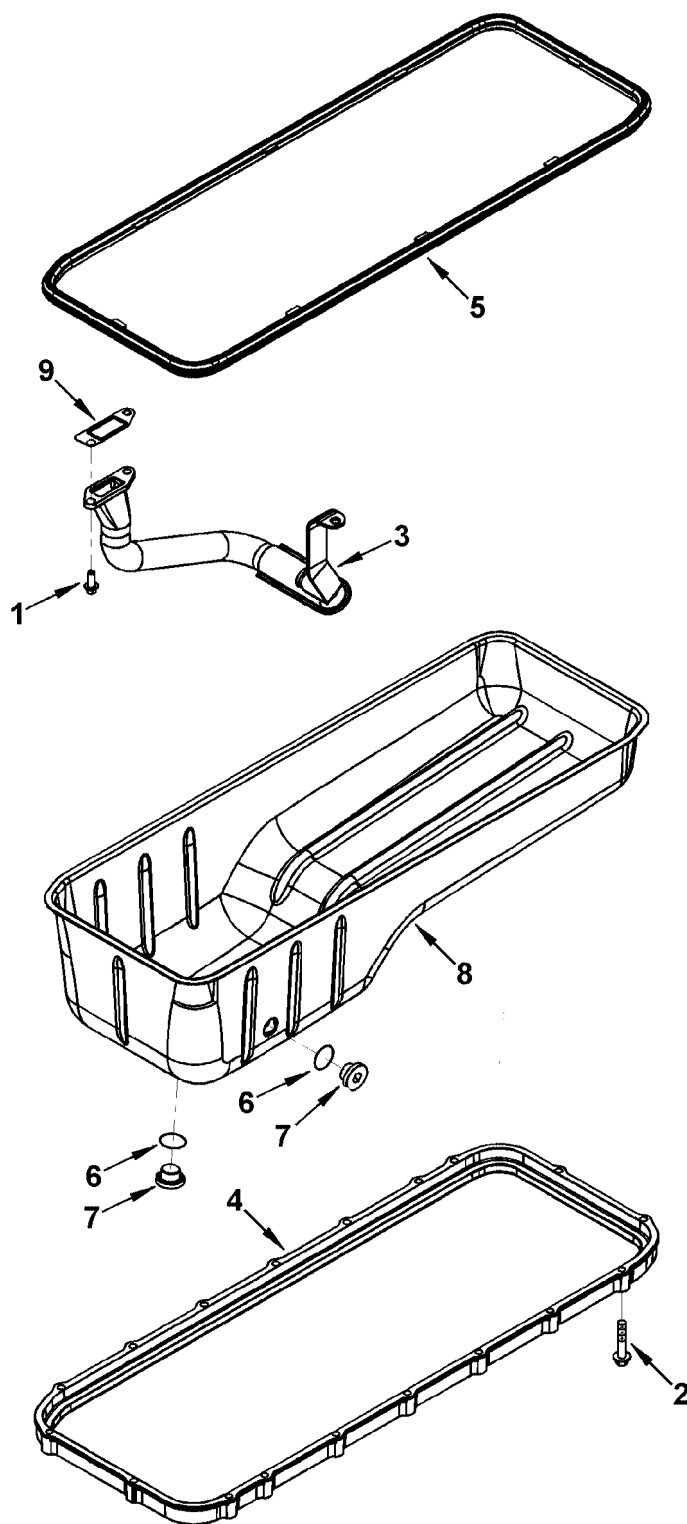
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46518999	4	Plug	4	46550521	1	Tube, oil gauge
2	46519120	1	Tube	5	46550522	1	Dipstick long
3	46519138	1	Dipstick				

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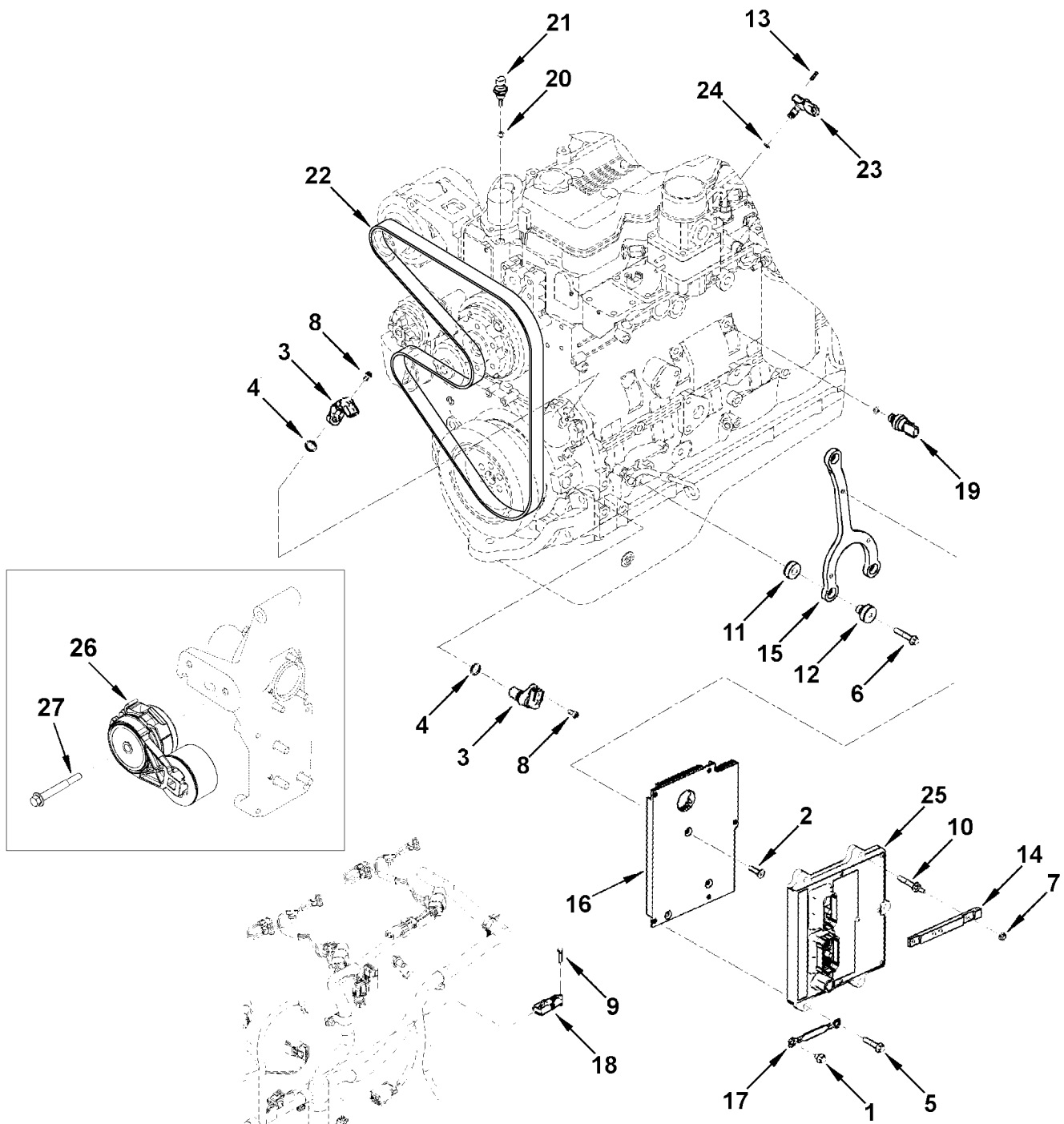
OIL FILLER ARRANGEMENT



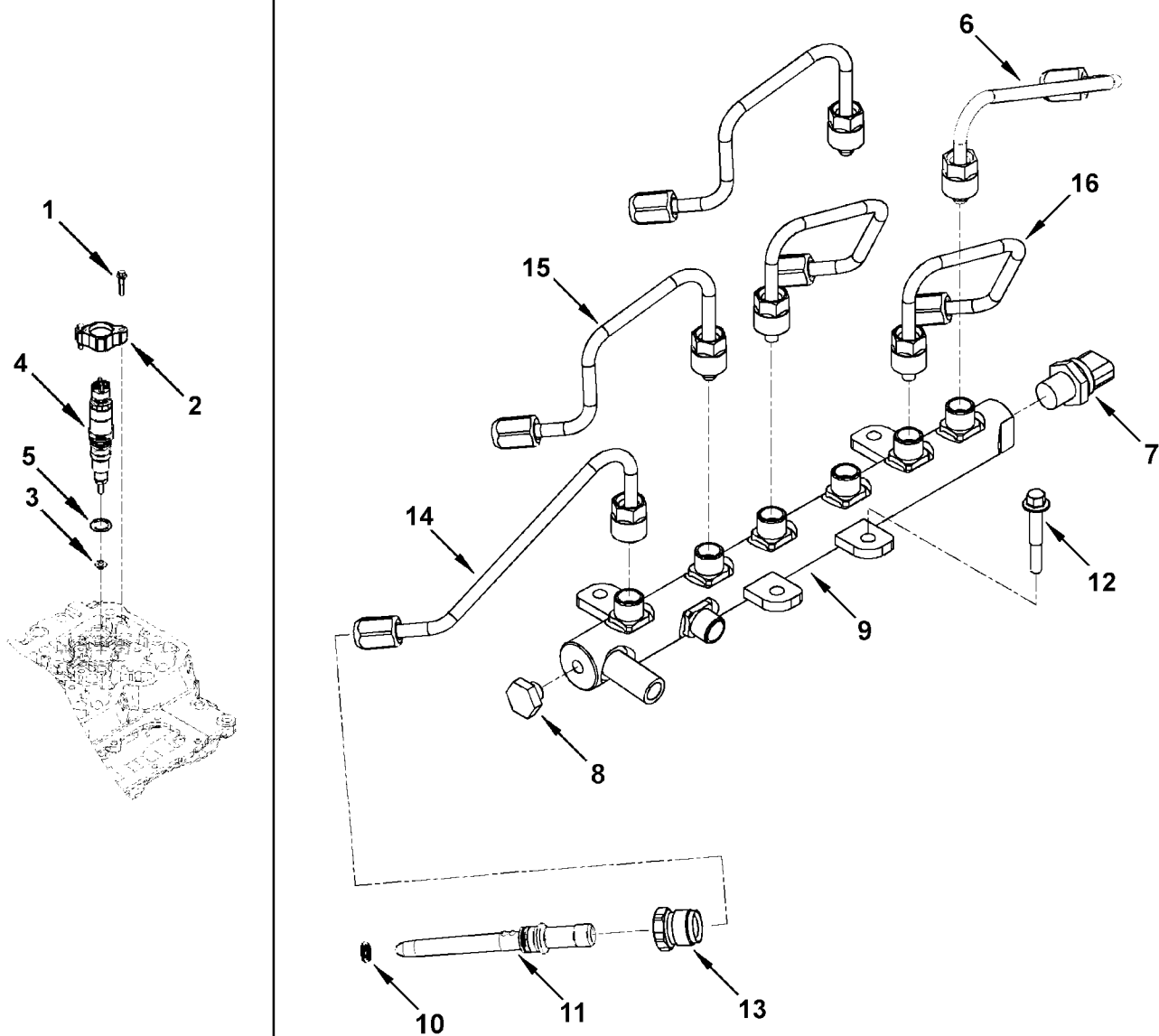
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	80026495	1	Seal				
2	15903347	1	Cap, filler				
3	46519146	1	'O'-Ring				



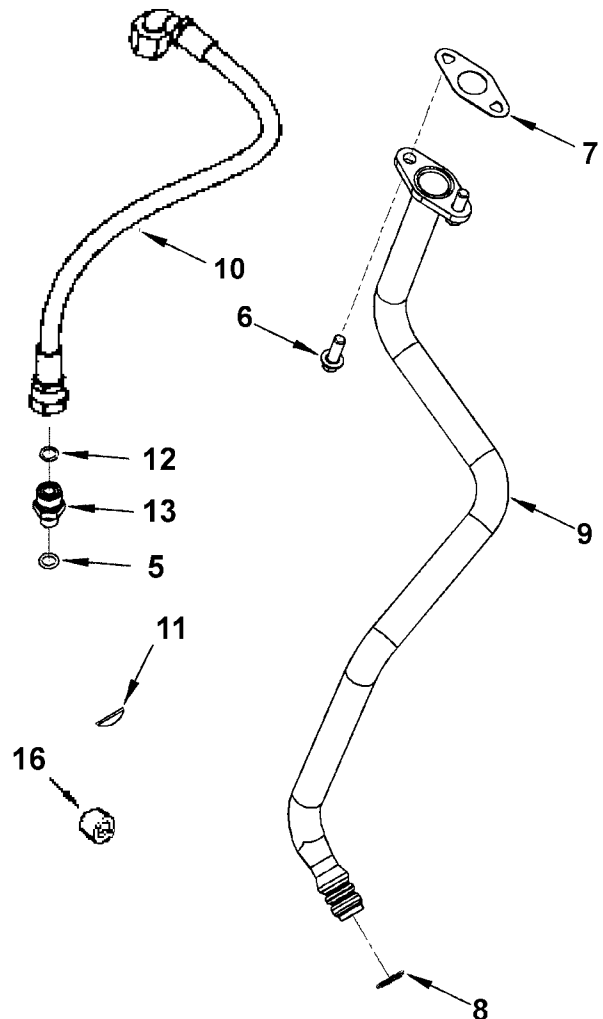
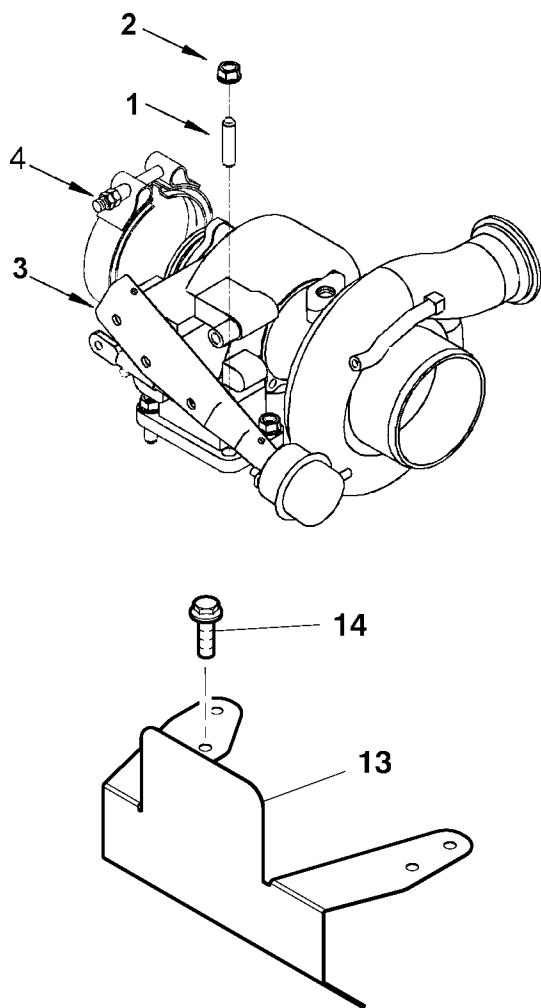
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46519153	2	Screw, M8 x 30	6	46519203	2	Washer
2	15904642	18	Screw, M8 x 45	7	46519211	2	Plug
3	46519161	1	Tube, lubricating oil suction	8	46519229	1	Pan
4	46519179	1	Adaptor, oil pan	9	46519237	1	Gasket
5	46519187	1	Gasket				



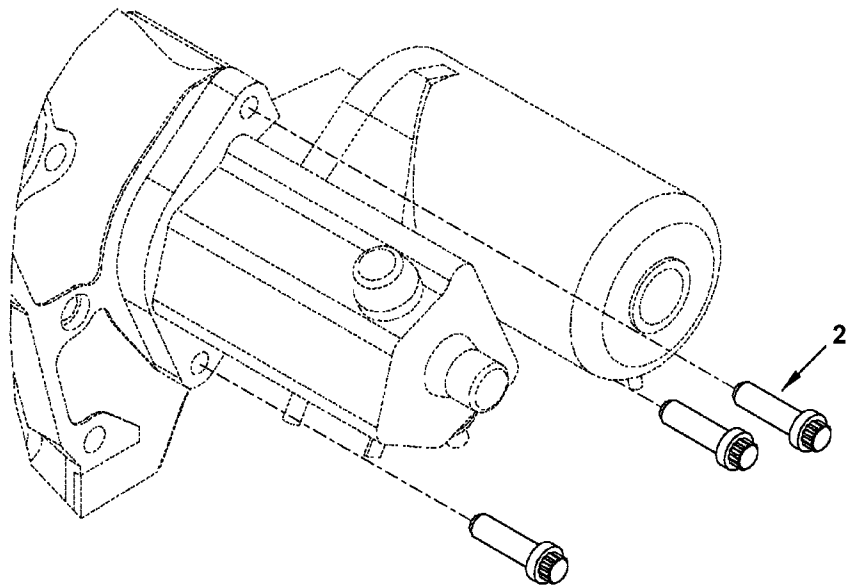
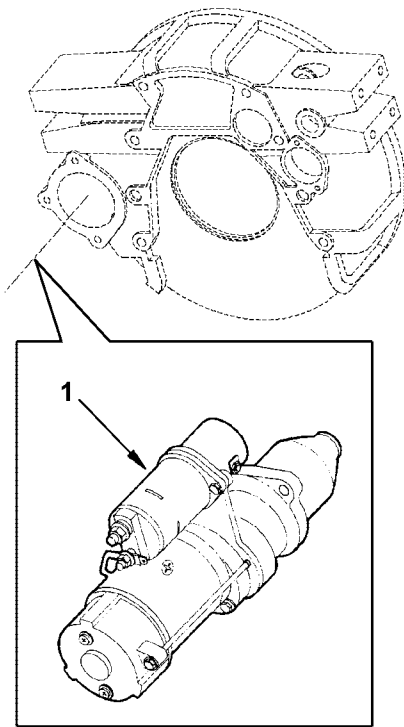
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	80026354	1	Screw, M8 x 12	15	46519302	1	Bracket, module
3	46519245	2	Sensor, engine speed	17	46519310	1	Wire, ground
4	46519252	2	'O'-Ring	18	80028053	1	Sensor, air pressure
5	15901317	1	Screw, M8 x 40	19	46519336	1	Switch, oil pressure
6	15904642	3	Screw, M8 x 45	20	15901952	1	'O'-Ring
7	46519260	2	Nut, M6	21	46519351	1	Sensor, coolant temperature
8	46519278	2	Screw, M6 x 16	22	46519823	1	Belt, V
9	15902323	1	Screw, M5 x 20	23	46519377	1	Sensor, intake manifold temperature
10	46519286	4	Screw	24	80028202	1	'O'-Ring
11	80026933	3	Isolator, vibration	25	80028392	1	Module, electronic control
12	80026941	3	Isolator, vibration	26	46519849	1	Belt, tensioner
13	80026974	1	Screw	27	46519831	1	Screw, M10 x 80
14	46519294	1	Bracket, sensor				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15901770	12	Screw, M6 x 30	9	46519500	1	Manifold
2	46519385	6	Clamp	10	80028020	1	'O'-Ring
3	46519401	1	Seal	11	46519526	1	Connector
4	46519393	6	Injector	12	46519427	1	Screw
5	46519419	1	'O'-Ring	13	80026800	6	Retainer
6	46519468	1	Tube (6 Cyl.)	14	46519435	1	Tube (1 Cyl.)
7	46519484	1	Sensor, pressure	15	46519443	1	Tube (2 & 4 Cyl.)
8	46519492	1	Valve, pressure relief	16	46519450	1	Tube (3 & 5 Cyl.)



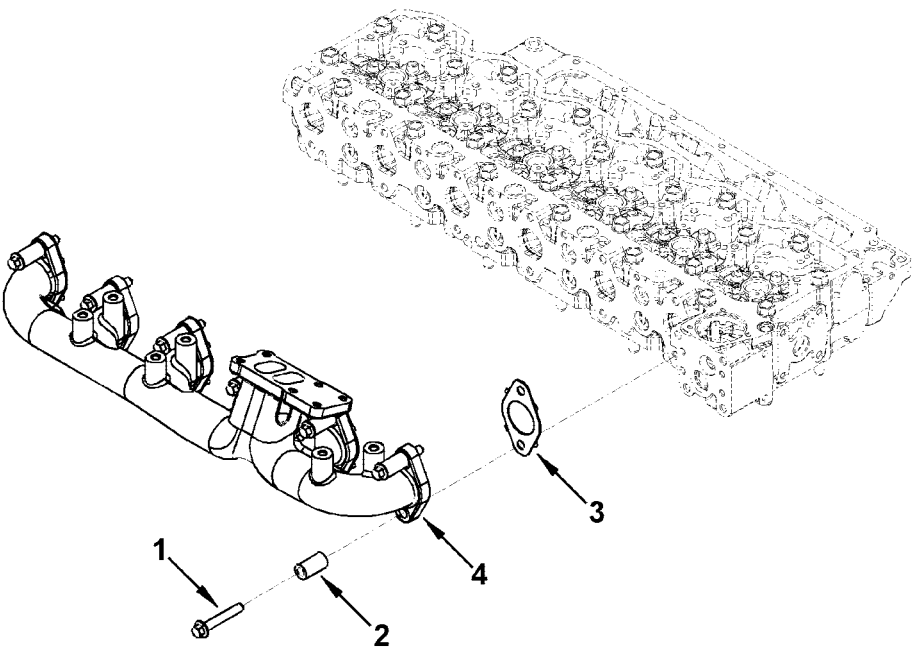
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15902505	4	Stud, M10 x 42	9	46519690	1	Pipe, turbocharger oil drain
2	15902497	4	Nut, M10	10	46519625	1	Hose
3	46519534	1	Turbocharger	11	15902141	1	Plug
4	23190143	1	Clamp, V band	12	15903222	1	'O'-Ring
5	15903230	1	'O'-Ring	13	46519658	1	Connector
6	80026321	2	Screw, M8 x 25	14	46551505	1	Heat shield
7	46519666	1	Gasket	15	92472638	4	Bolt
8	46519682	1	'O'-Ring	16	15900459	1	Plug



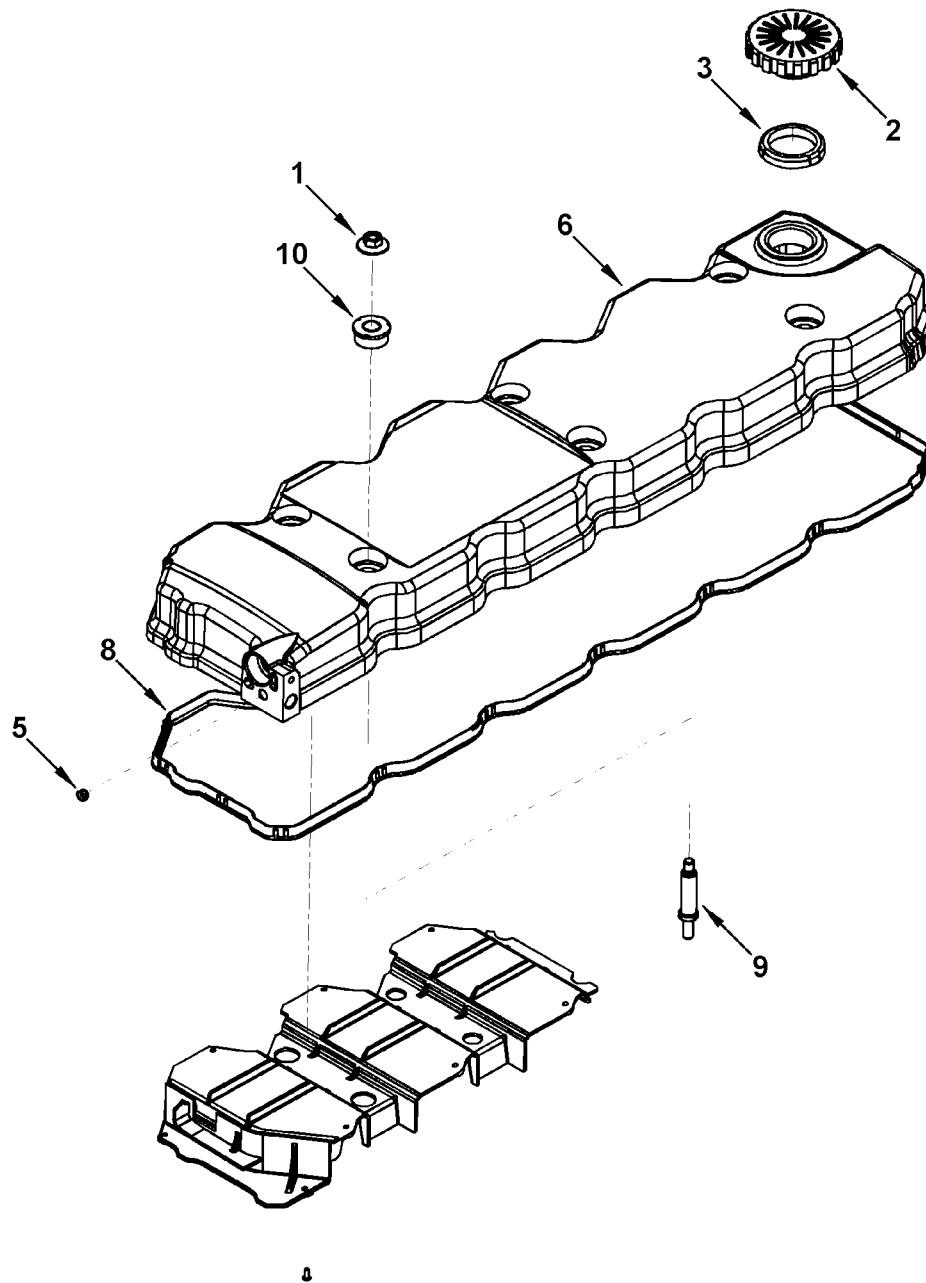
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23190218	1	Motor, starter				
2	46519575	3	Screw, M10 x 35				

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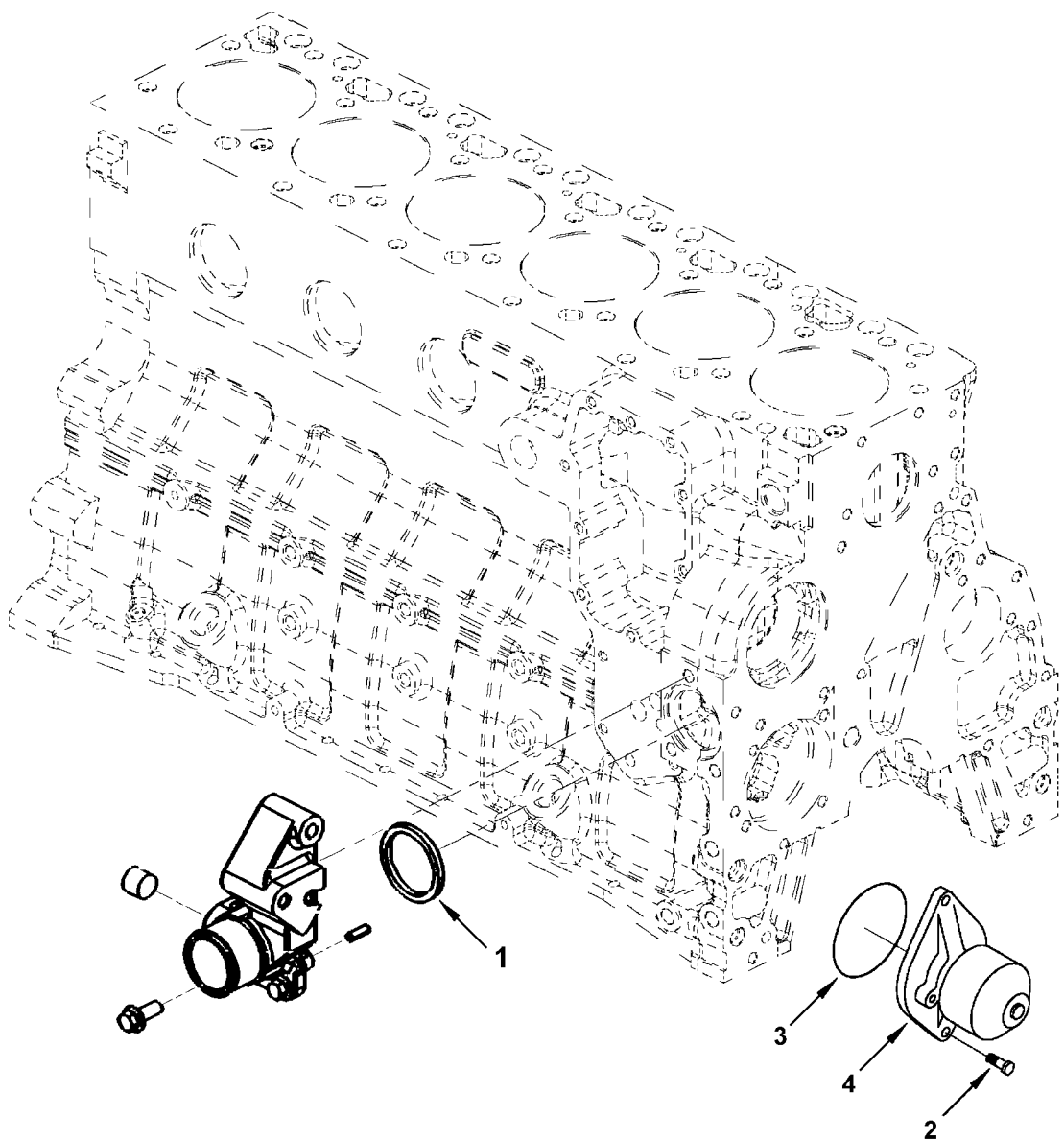
EXHAUST MANIFOLD



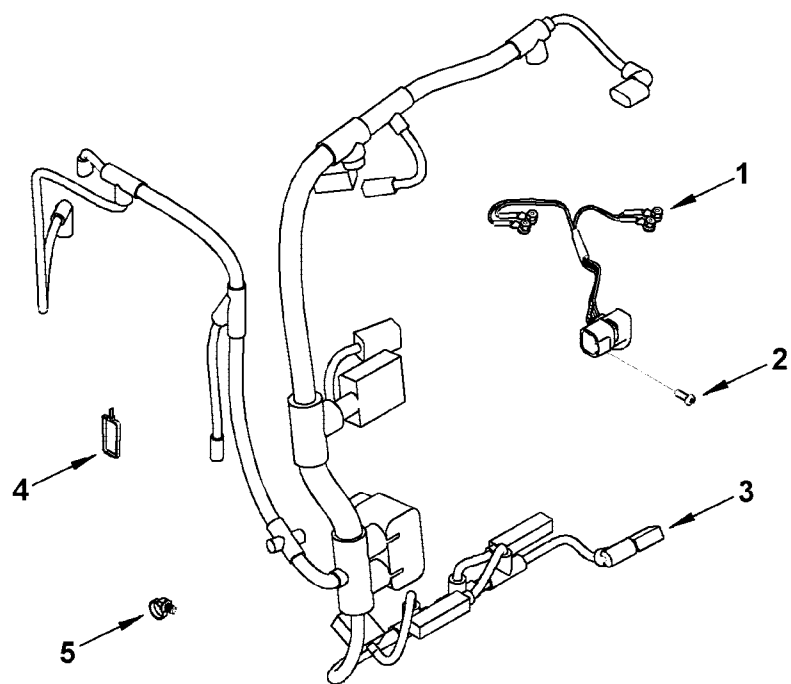
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15901028	12	Screw, M10 x 65	3	46519609	6	Gasket
2	46519591	12	Spacer	4	46519617	1	Manifold



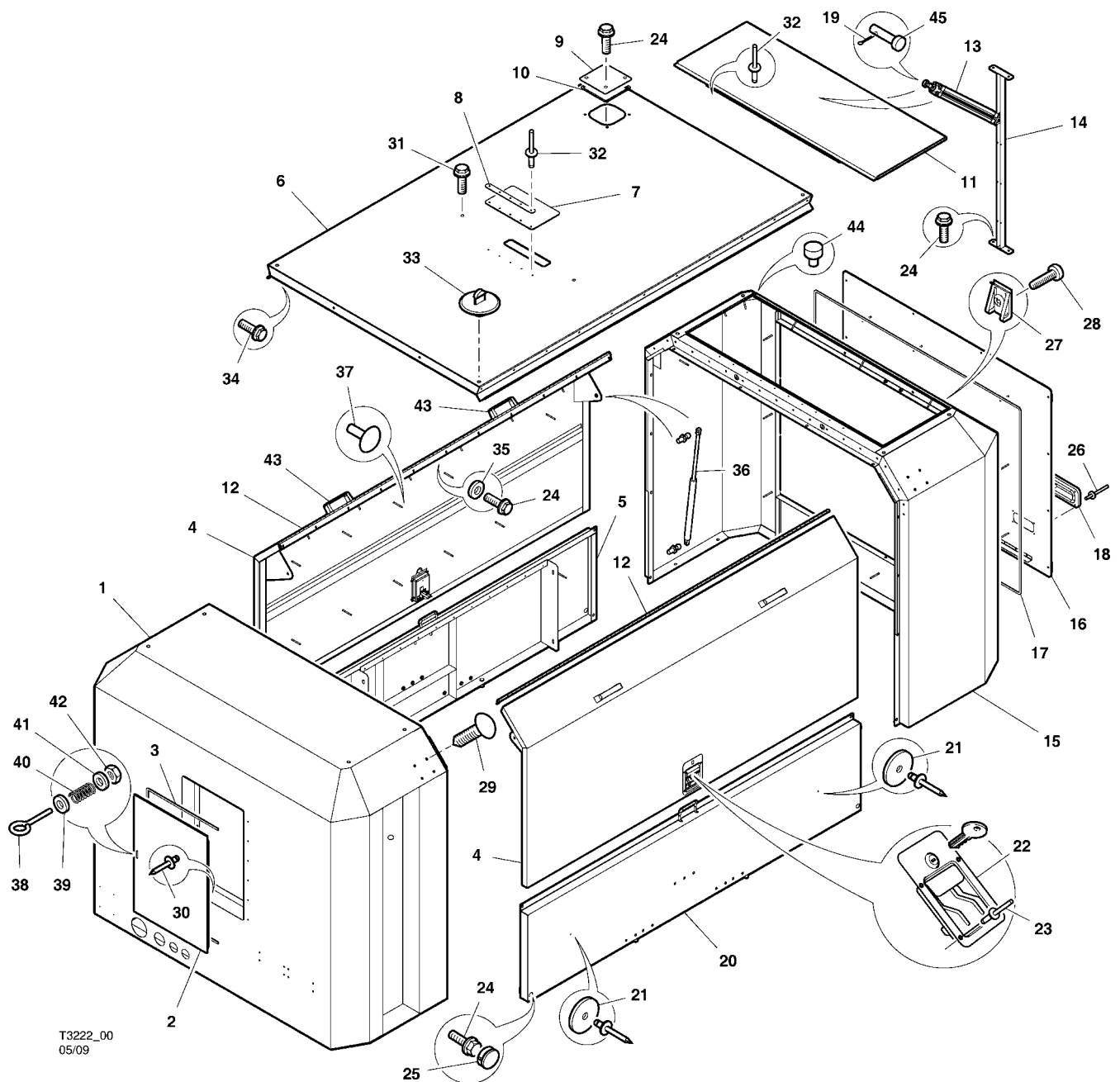
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46519708	6	Nut	6	46519773	1	Cover, valve
2	46519732	1	Cap, filler	8	46519781	1	Gasket
3	46519740	1	Gasket	9	46519799	6	Stud
5	46519765	1	Plug	10	46519807	6	Isolator, noise



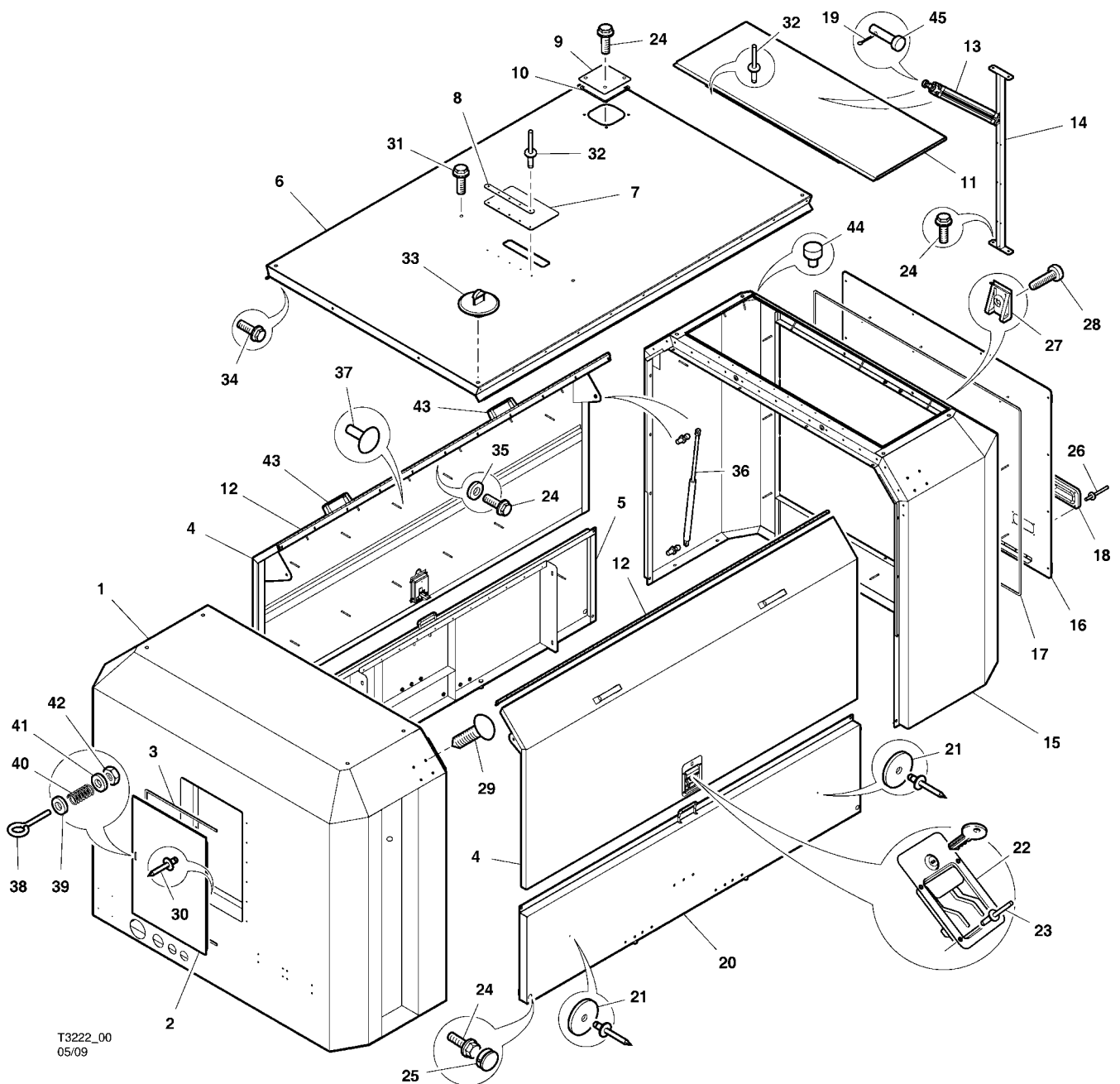
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46519815	1	Seal	3	46519856	1	Seal
2	80026321	2	Screw, M8 x 25	4	46519864	1	Pump, water



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46519872	3	Harness, wiring	4	46519906	3	Clip
2	46519880	3	Screw	5	46519914	6	Clip
3	46519898	1	Harness, wiring (main engine)				

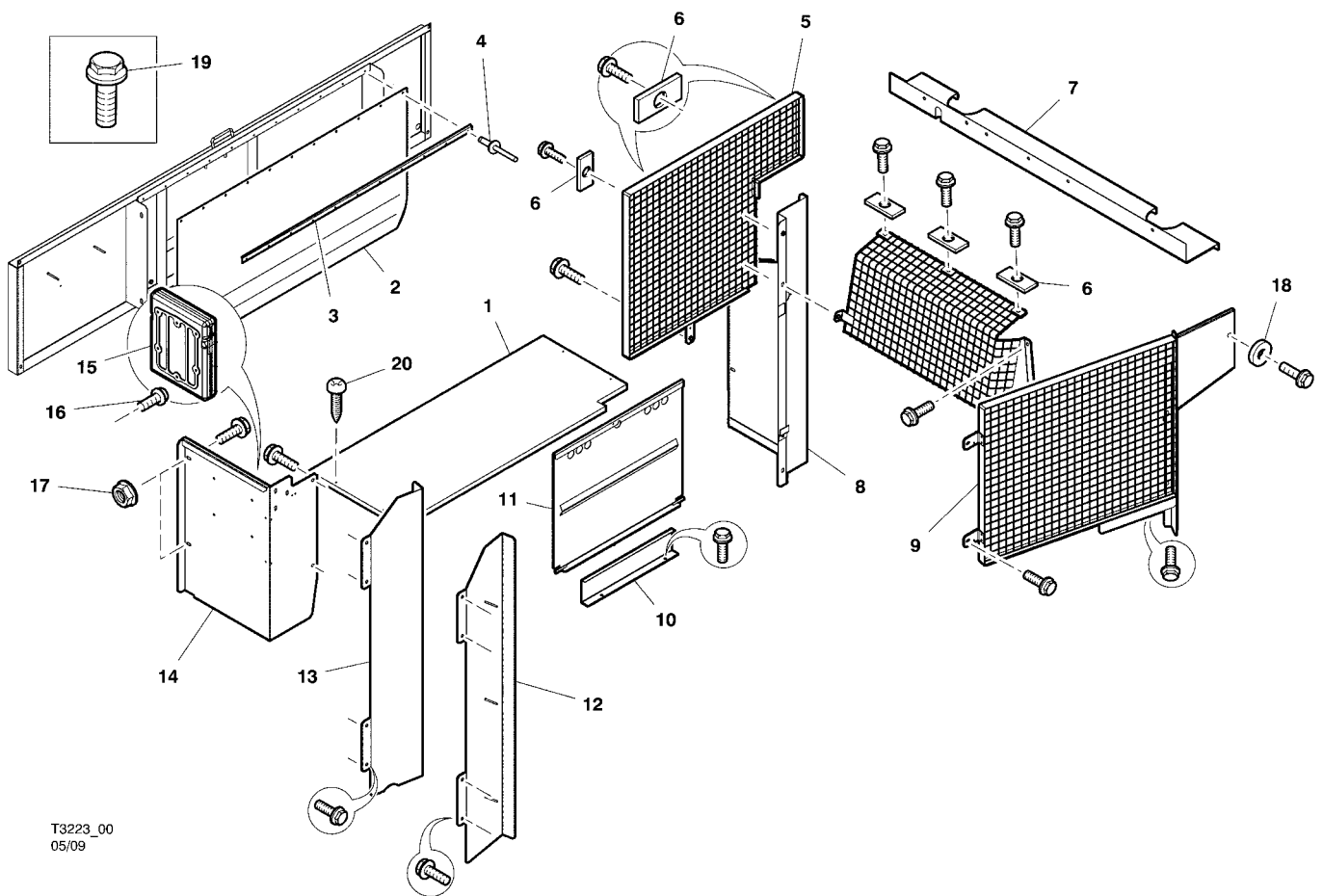


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23102205	1	Enclosure assembly, front	12	23071103	2	Hinge
	23069016	1	Enclosure front, bare metal	13	23333834	1	Cylinder
2	23141831	1	Door instrument panel	14	23333826	1	Support
3	46502332	1	Seal 1.42m	15	23102163	1	Enclosure assembly, rear
4	23101181	2	Enclosure assembly, door		23069008	1	Panel rear, bare metal
	23070782	2	Enclosure door, bare metal	16	23375256	1	Enclosure assembly rear
5	23102270	1	Enclosure assembly, side RH		23302771	1	Enclosure rear, bare metal
	23070444	1	Enclosure side RH, bare metal	17	22716039	1	Seal
6	23102361	1	Enclosure assembly, top	18	92824010	2	Handle
	23070212	1	Enclosure top, bare metal	19	23346158	1	Cotter pin
7	23138464	1	Cover	20	23102296	1	Enclosure assembly, side LH
8	23094683	1	Plate		23101157	1	Enclosure side LH, bare metal
9	23304470	1	Cover	21	92121243	4	Reflector (amber)
10	22716039	1	Seal 0.49m	22	36793602	2	Latch
11	23333222	1	Panel, hinged	23	36794816	8	Rivet

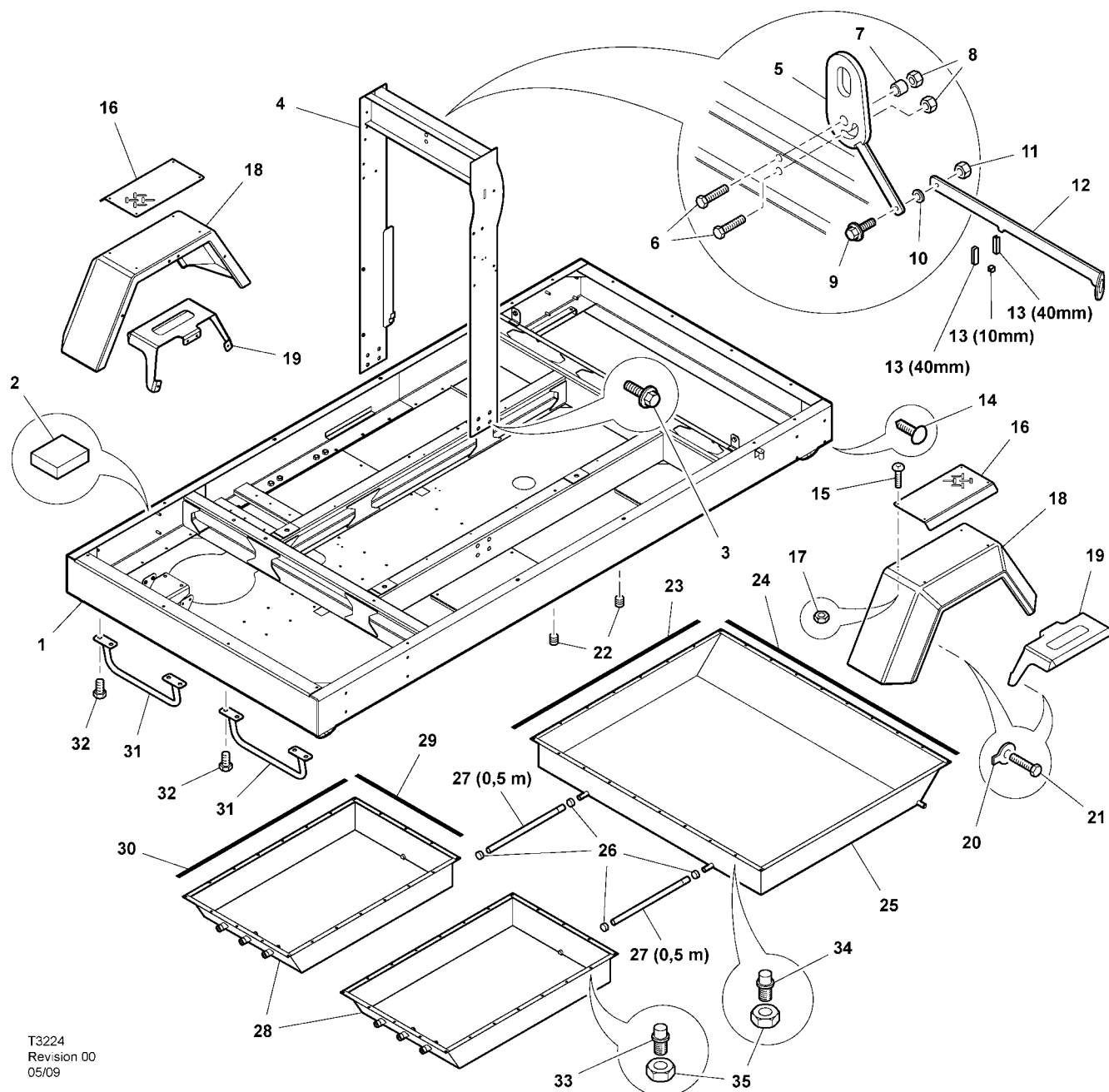


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
24	96728480	AR	Screw	40	35607837	1	Spring
25	92783281	AR	Plug	41	36772028	1	Washer
26	92863679	8	Rivet	42	95923298	1	Nut
27	35256452	AR	Clip retaining	43	46538740	4	Handle
28	35256429	AR	Screw	44	46539821	3	Rubber block
29	23367956	16	Plug	45	23346141	1	Pin
30	92271923	6	Rivet	*46	46541140	1	Kit, cylinder service
31	92472638	2	Screw	*47	92949742	AR	Foam field kit 1,9m x 1,5m x 25mm (7' x 5' x 1")
32	22054498	10	Rivet	*48	92949759	AR	Foam field kit 0,95m x 1,5m x 25mm (3' x 5' x 1")
33	23143506	12	Plug rain	*49	92949767	AR	Foam field kit 1,9m x 1,5m x 50mm (7' x 5' x 2")
34	36797652	20	Screw	*50	92949775	AR	Foam field kit, 0,95m x 1,5m x 50mm (3' x 5' x 2")
35	23192651	4	Washer				
36	23361579		Spring, gas				
37	23143415	AR	Retainer, foam				
38	35607829	1	Eye bolt				
39	95935029	1	Washer				

* Not illustrated

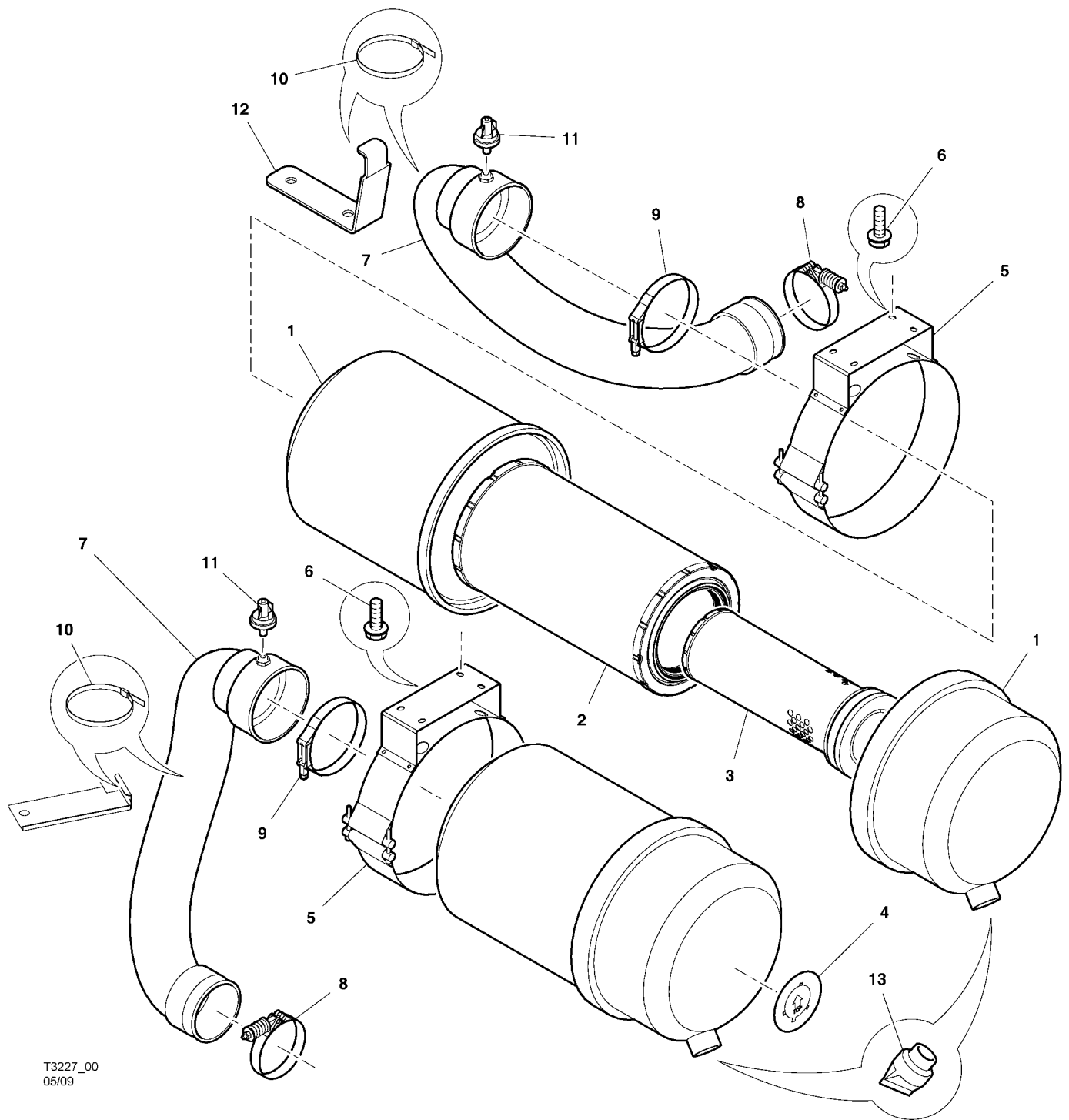


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23150402	1	Tool box bottom	11	23148885	1	Panel
2	46502555	1	Protection, tool box	12	23129224	1	Baffle
3	46502548	1	Holder, protection	13	23129208	1	Baffle
4	22054498	11	Rivet	14	23148877	1	Panel
5	23148901	1	Guard	15	22990816	1	Holder, manual
6	23199565	7	Washer	16	22897839	4	Screw
7	23333784	1	Panel, cooler	17	92398114	2	Nut
8	23148869	1	Panel	18	23192651	1	Washer
9	23148893	1	Guard	19	96727193	35	Screw
10	23150436	1	Plug, tool box	20	23367691	4	Screw

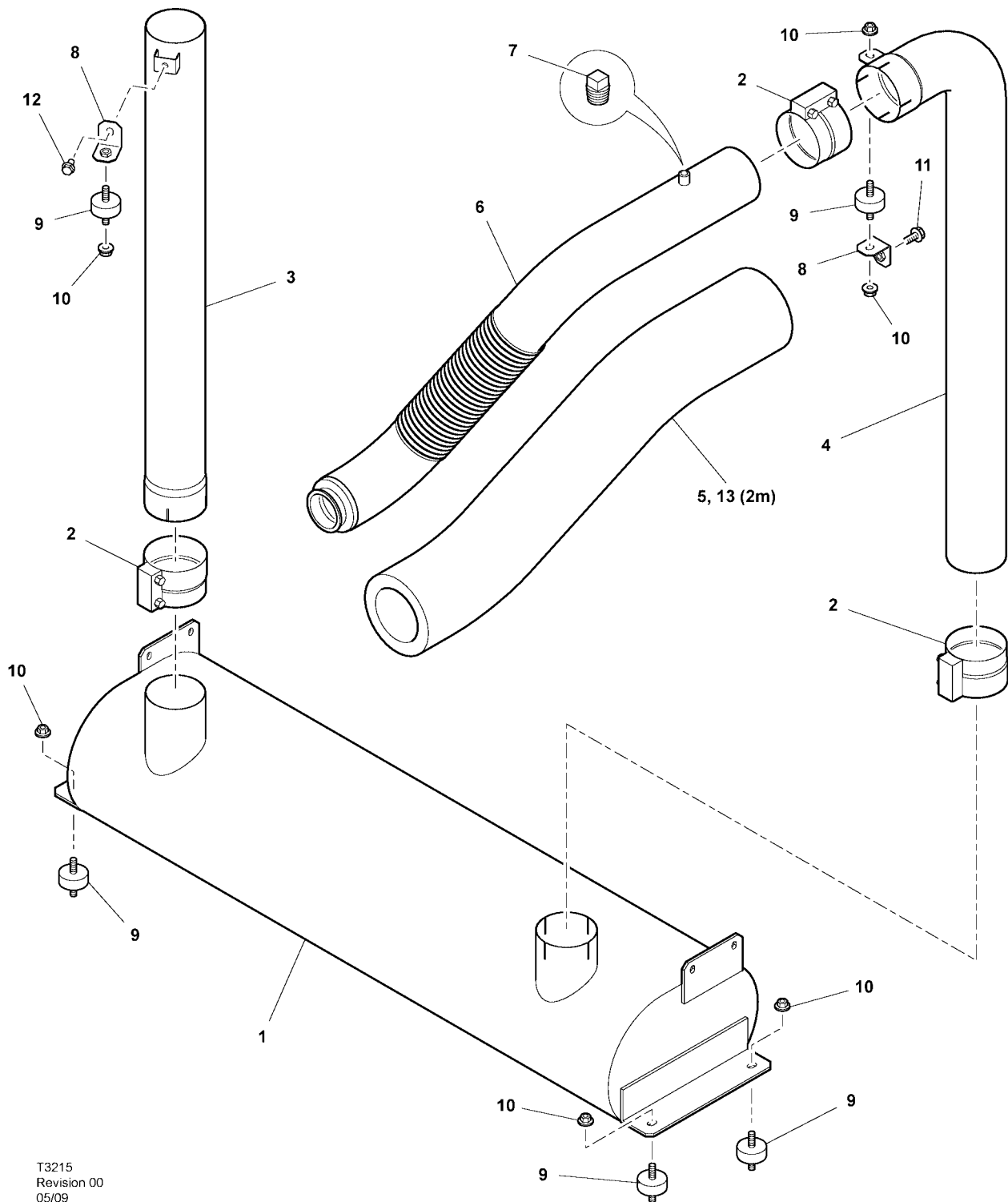


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05/09

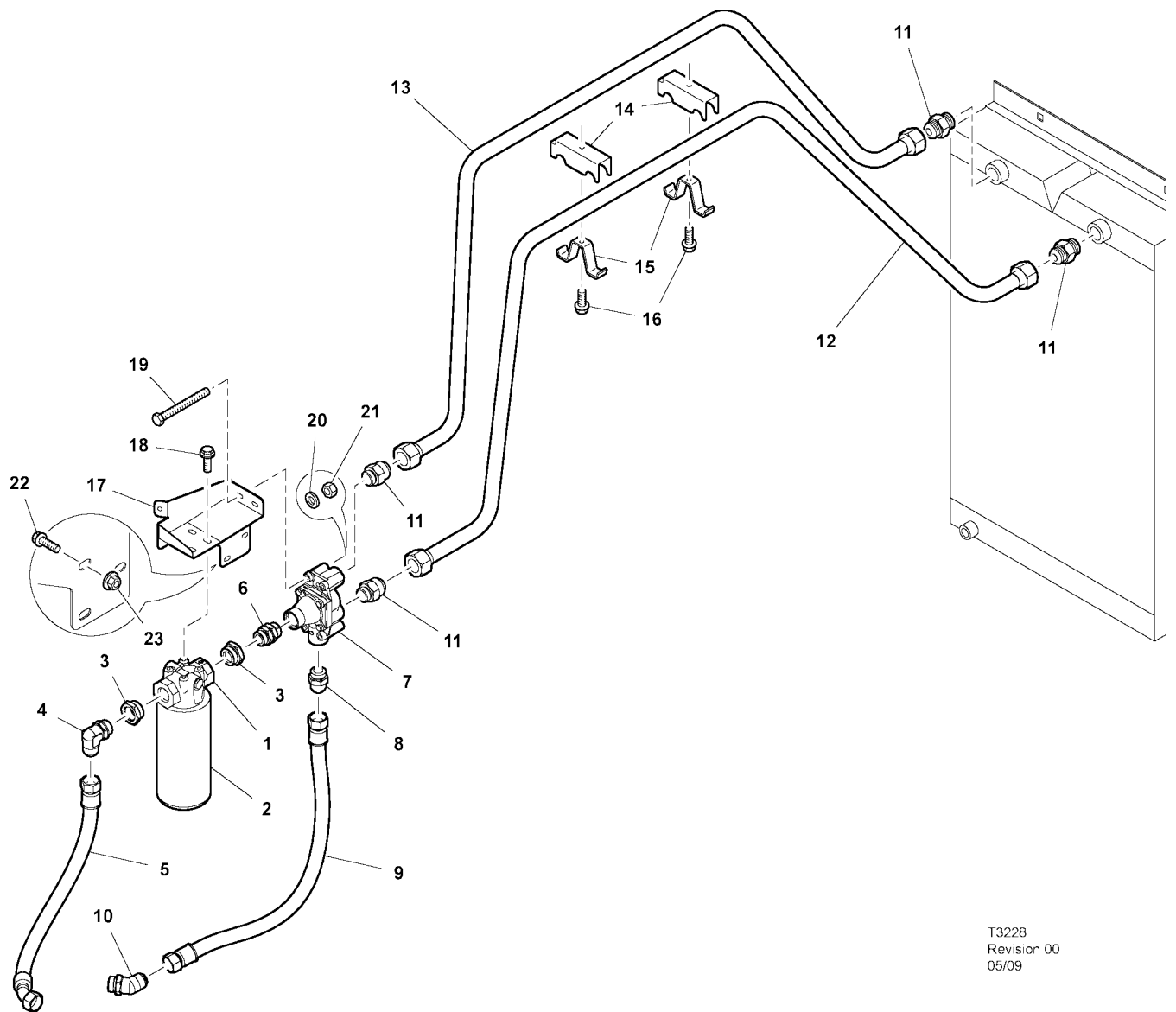
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23051964	1	Seal	18	23283260	2	Mudguard
2	46502225	4	Block, rubber	19	23283385	2	Support
3	36793040	8	Screw	20	96745229	12	Washer
4-8	23114341	1	Lifting bail assembly	21	92304351	12	Screw
4	23104300	1	Bail, lifting	22	23367857	4	Plug
5	23105752	1	Eye	23	23145592	2	Seal
6	39179072	2	Screw	24	23145584	2	Seal
7	23114358	1	Spacer	25	23083389	1	Tank
8	92311695	2	Locknut	26	46501862	4	Clamp
9	36889608	1	Screw	27	22369300	AR	Hose
10	46502092	1	Washer	28	23083397	2	Tank
11	96704606	1	Locknut	29	23145600	2	Seal
12	46502043	1	Handle, lifting bail	30	23145618	2	Seal
13	46502035	AR	Protector	31	46502134	1	Protector
14	23367956	8	Plug	32	35375591	8	Screw
15	23283419	8	Screw	33	23126303	44	Bolt, rivet
16	23283401	1	Cover	34	23189947	32	Bolt, rivet
17	92829316	8	Locknut	35	96704606	76	Locknut



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-3	23103203	2	Filter assembly	8	54444427	2	Clamp
2	54672563	2	Element, air filter	9	35161025	2	Clamp
3	54672597	2	Element, safety	10	92861640	2	Tie
4	23361355	2	Decal, air filter	11	36847838	2	Sensor, air restriction
5	23103781	2	Bracket, support	12	46541256	1	Bracket
6	96728480	8	Screw	13	46551622	2	Valve, vacuator
7	23109572	2	Hose				

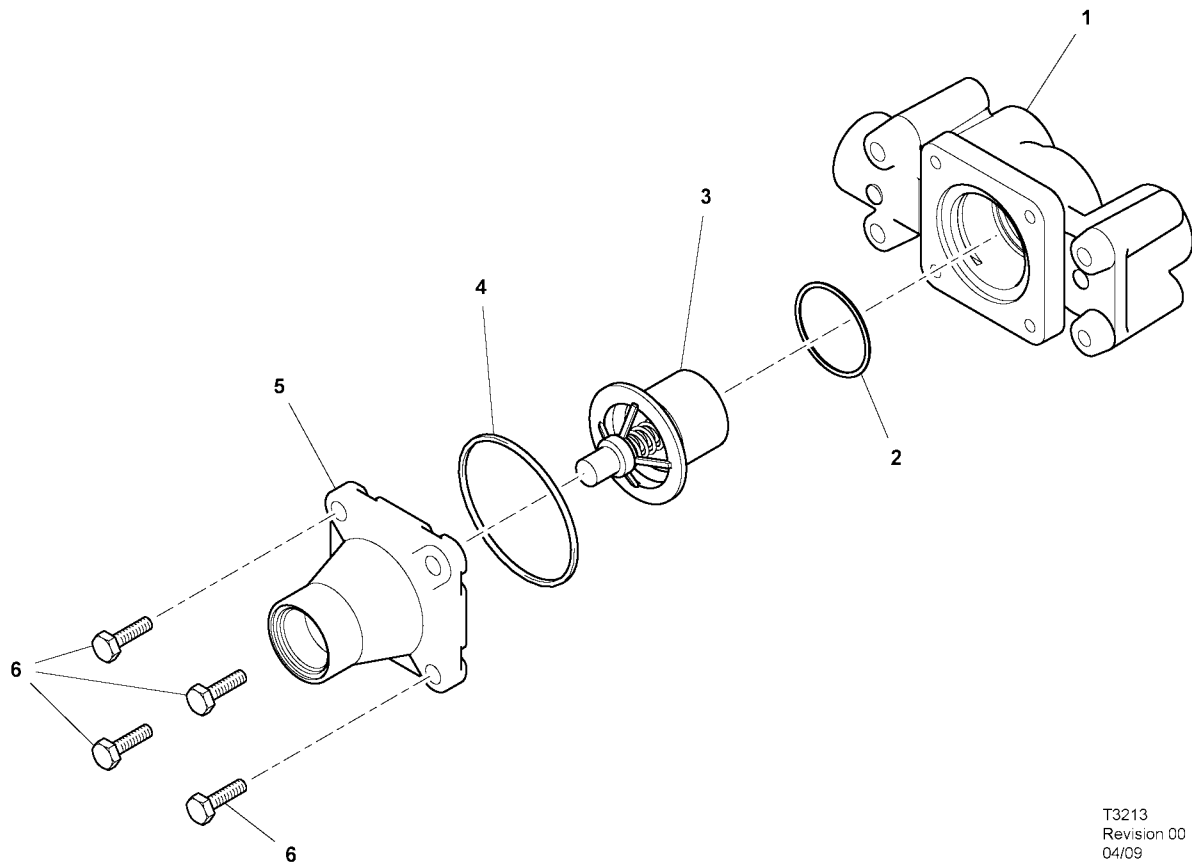


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23074933	1	Silencer	9	23093867	6	Mount
2	35313303	3	Clamp	10	92473594	7	Nut
3	23248677	1	Pipe	11	92472638	1	Screw
4	23097314	1	Pipe	12	96728480	1	Screw
5	46539086	1	Wrap, exhaust	*13	54721105	1	Wire, retaining
6	23097348	1	Pipe				
7	92354661	1	Plug				* Not illustrated
8	23259005	2	Bracket				



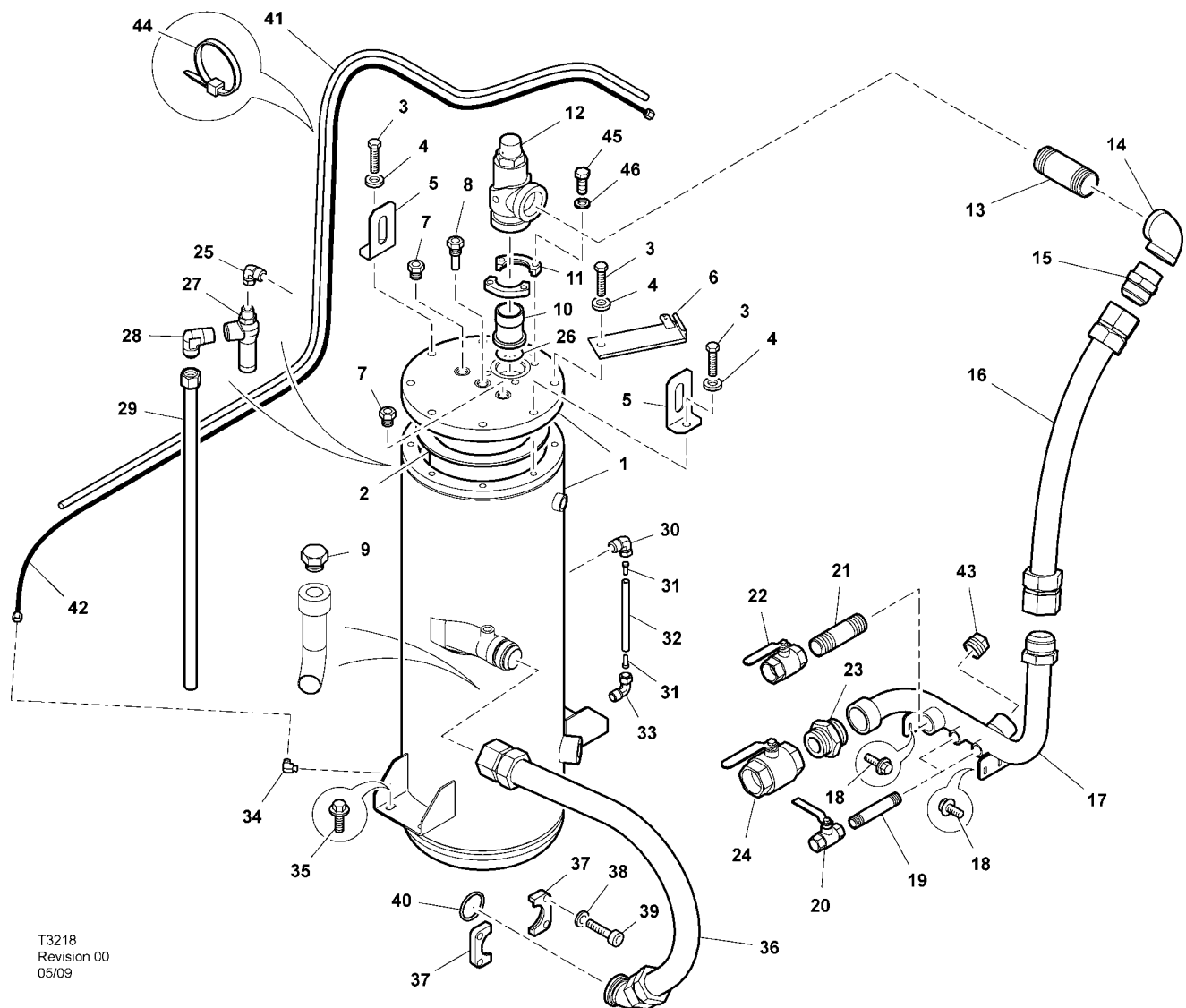
T3228
Revision 00
05/09

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-2	36897429	1	Filter assembly	12	23115116	1	Tube assembly
1	36897437	1	Head	13	23115124	1	Tube assembly
2	36897346	1	Element, oil filter (airend)	14	23115249	2	Bracket
3	95954913	2	Adaptor	15	23118177	2	Holder
4	95938171	1	Elbow	16	96728480	2	Screw
5	23117252	1	Hose assembly	17	23118193	1	Bracket
6	95954921	1	Connector	18	35252493	4	Screw
7	23137953	1	Valve, temperature bypass	19	36884187	2	Screw
8	95938148	1	Connector	20	96701396	2	Washer
9	23152127	1	Hose assembly	21	96704606	2	Locknut
10	95992632	1	Elbow	22	36889608	3	Screw
11	95315289	4	Connector	23	36881886	3	Nut



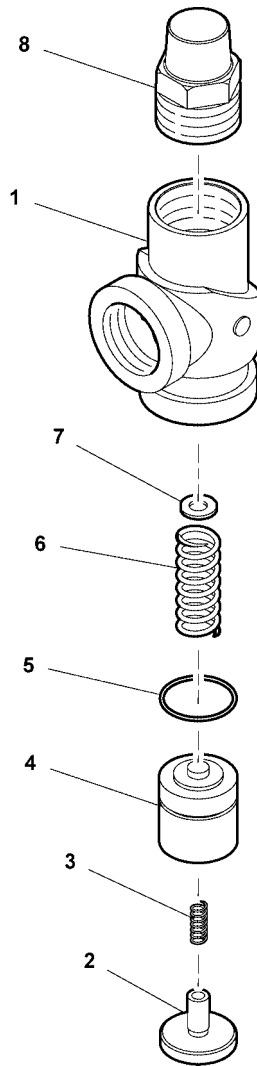
T3213
Revision 00
04/09

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23137821	1	Housing, OTBV	4	95022307	1	O-Ring
2	36788172	1	Seal	5	36876779	1	Cover, OTBV
3	36782019	1	Element, thermostatic valve	6	96702659	4	Screw, Hex



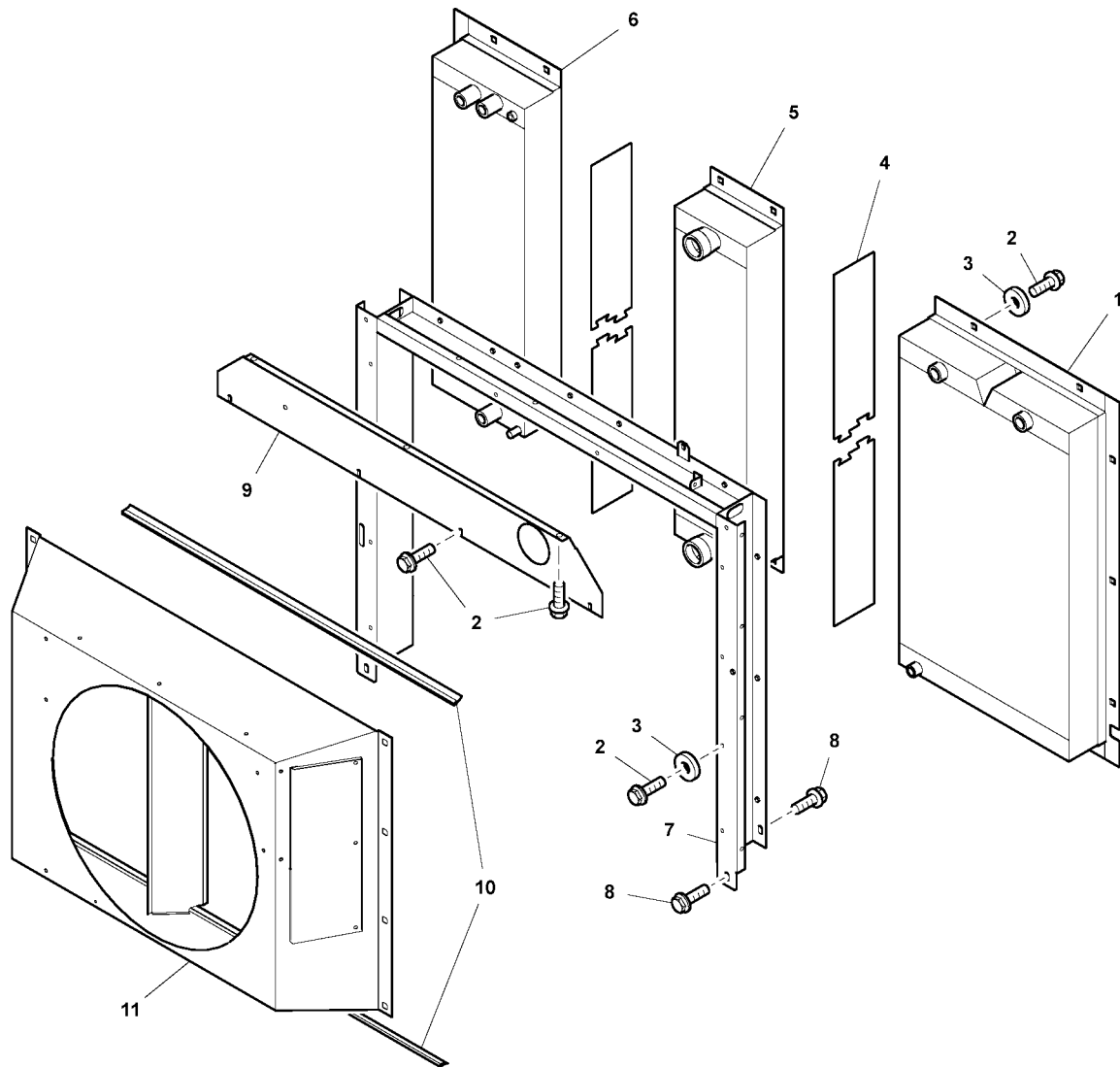
T3218
Revision 00
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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23053523	1	Tank, separator	24	92530047	1	Valve, ball
2	22111975	1	Element, separator	25	95954269	1	Tee
3	39179072	8	Bolt	26	95357976	1	O-Ring
4	93545380	8	Washer	27	23389620	1	Valve, safety
5	36785012	2	Bracket	28	95219853	1	Elbow
6	23196488	1	Bracket	29	22226906	1	Tube
7	95773032	2	Adapter	30	22685481	1	Elbow
8	54721337	1	Adapter	31	22685507	2	Insert, tube
9	35579630	1	Plug	32	22685523	1	Tube, sight gauge
10	46540068	1	Connector	33	22685499	1	Elbow
11	35292143	2	Clamp	34	23343627	1	Elbow
12	35598770	1	Valve, minimum pressure	35	96727177	4	Screw
13	95285615	1	Nipple	36	54688015	1	Hose, discharge
14	95946281	1	Elbow	37	35292143	2	Flange
15	35335124	1	Connector	38	95934683	4	Washer, lock
16	23148257	1	Hose assembly	39	96719810	4	Screw
17	23081623	1	Manifold	40	95357976	1	'O' Ring
18	96728480	4	Screw	41	23346182	1	Conduit x 4.6m
19	92076447	2	Nipple	42	92799378	1	Tube, nylon x 4.7m
20	92294461	2	Valve, hand	43	95941639	1	Plug
21	92076454	1	Nipple	44	92281427	9	Wrap, tie
22	92111228	1	Valve, service	45	46551501	4	Bolt
23	22208334	1	Adapter	46	95934683	4	Washer



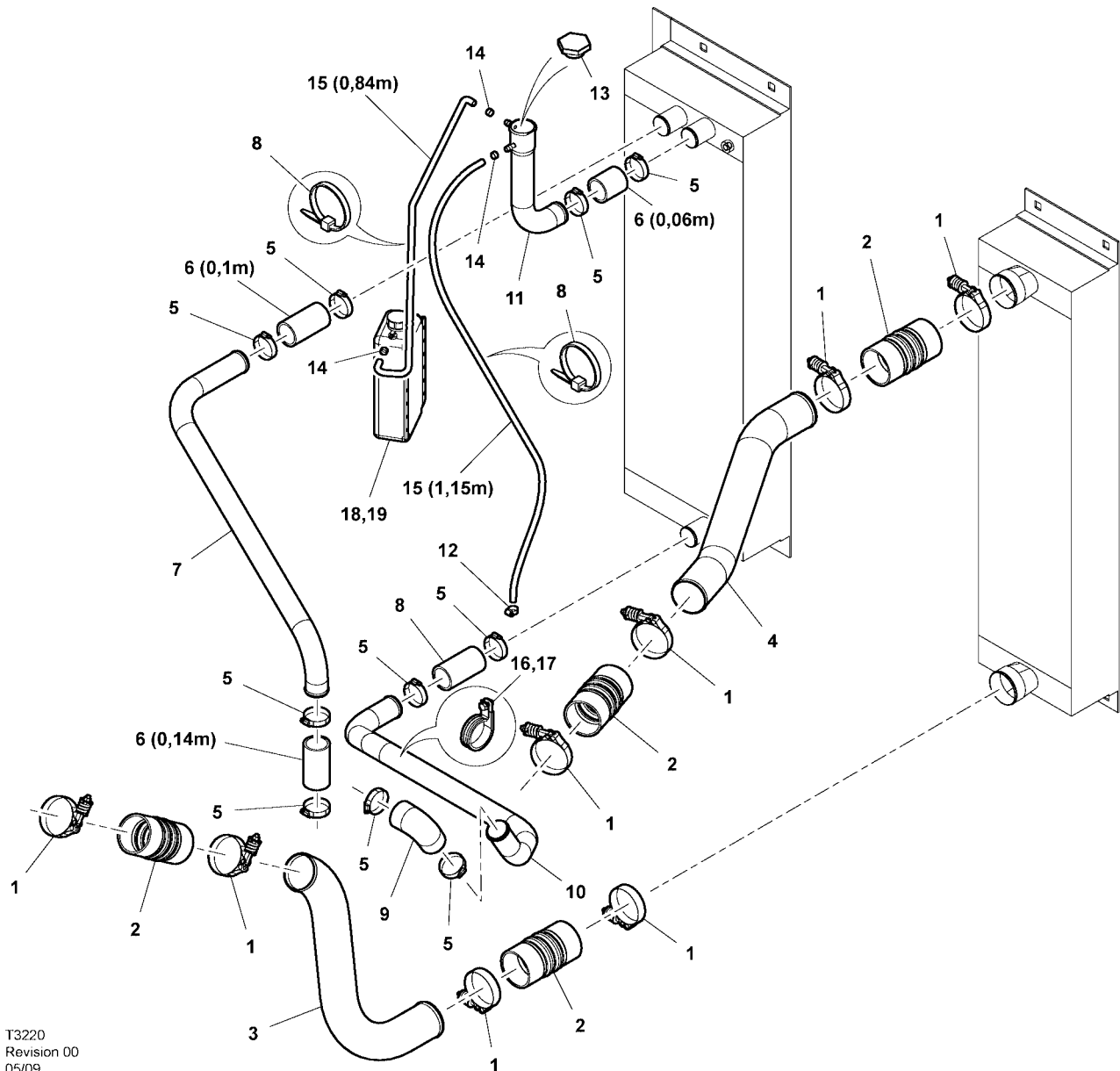
T3214
Revision 00
09/09

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-8	35598770	1	Minimum Pressure Valve Assembly	5	35367374	1	O-Ring
1	35367333	1	Body, Minimum Pressure Valve	6	35367366	1	Spring
2	35367317	1	CV Assembly	7	95935003	1	Washer
3	35367358	1	Spring	8	22242150	1	Cap
4	35367325	1	Piston	*9	22218622	1	Kit, Service Repair

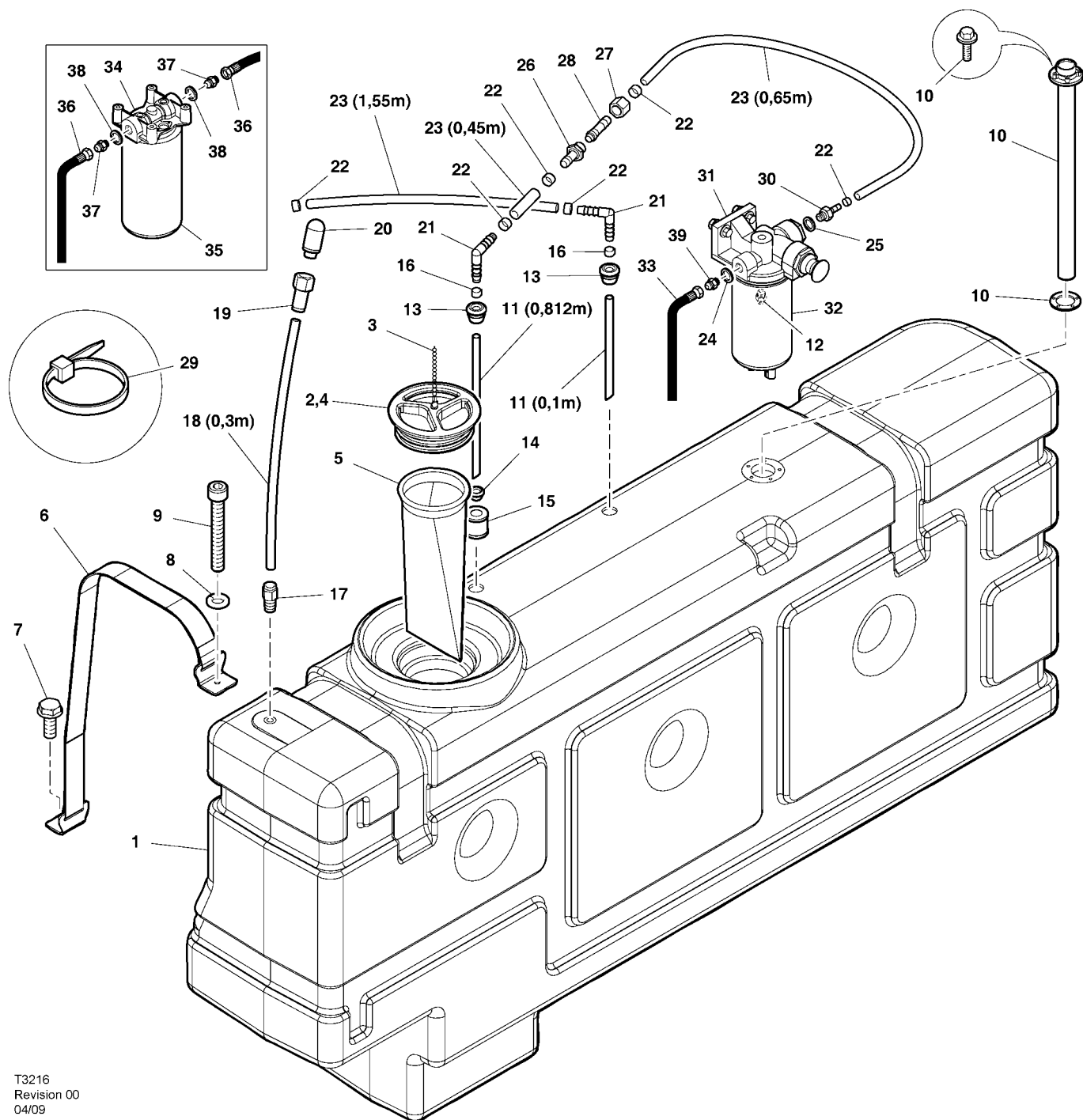


T3221_00
05/09

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23088552	1	Cooler, oil	7	23059603	1	Frame
2	96728480	44	Screw	8	36879492	4	Screw
3	23192651	26	Washer	9	23095334	1	Bracket
4	23192669	4	Insulation	10	46538377	2	Seal
5	23088545	1	Cooler, air	11	23097017	1	Shroud assembly
6	23088537	1	Cooler, water				

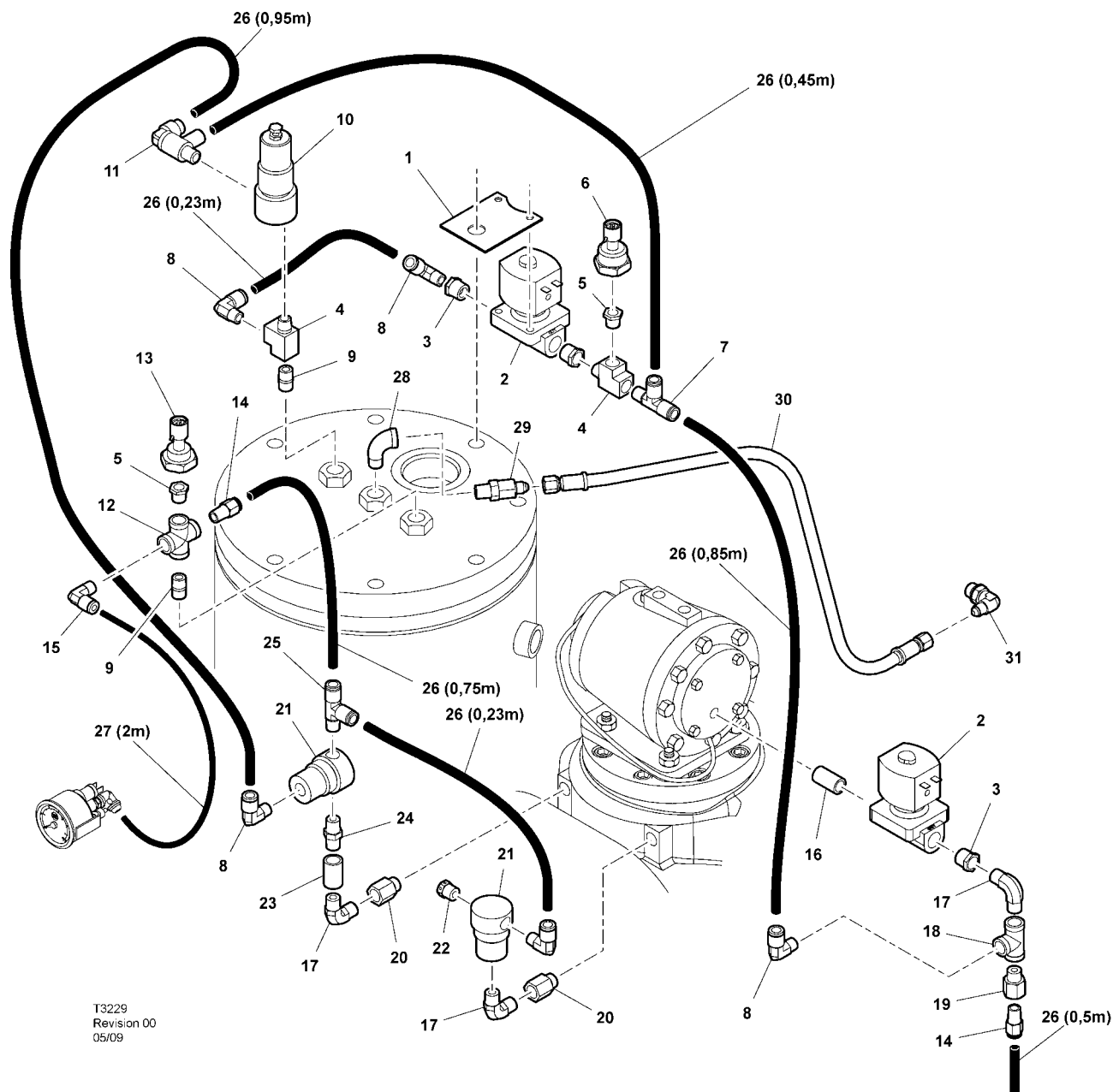


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22144513	8	Clamp	11	23349699	1	Pipe
2	22144497	4	Connector, flexible	12	35296342	1	Clamp
3	23108426	1	Pipe	13	36769560	1	Cap, filler
4	23107121	1	Pipe	14	22817365	3	Clip, retaining
5	92253129	10	Clip, retaining	15	35363498	AR	Hose 5 /16"
6	23114895	AR	Connection, water	16	23116734	1	Clamp
7	23344575	1	Pipe	17	92184811	1	Screw
8	92281427	5	Tie, wrap	18	36845600	1	Tank
9	23113202	1	Elbow	19	96728480	4	Screw
10	23344583	1	Pipe				

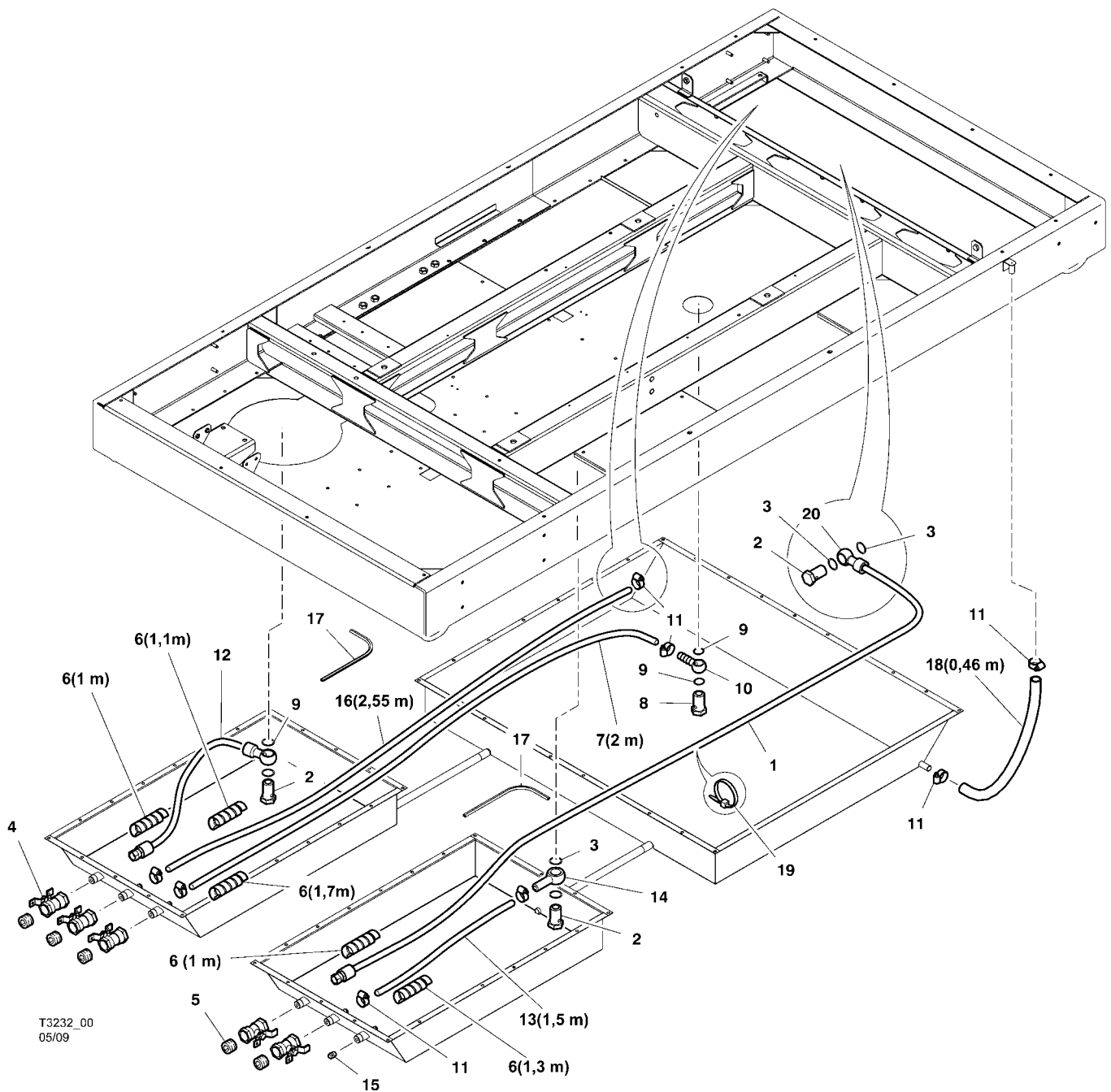


T3216
Revision 00
04/09

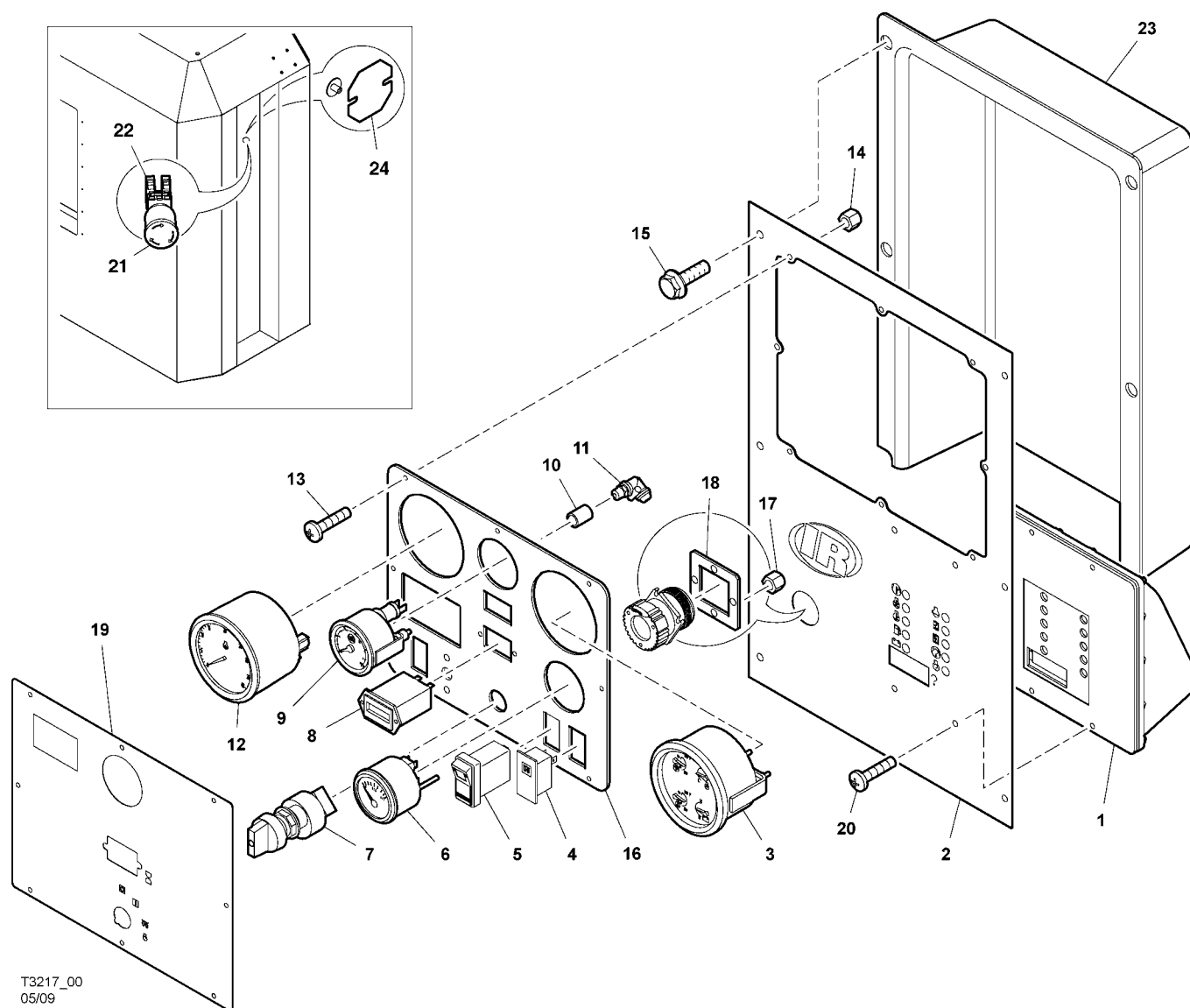
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-4	23102478	1	Fuel tank assembly	10	23129240	1	Sender unit, fuel level
1	23083041	1	Tank, fuel	11	46501573	AR	Tube, nylon
2-4	23240013	1	Cap assembly	12	46518858	1	Adaptor
2	89230759	1	Cap	13	23205701	2	Grommet
3	92814243	1	Chain assembly	14	46501581	1	Grommet
4	89230767	1	'O' ring	15	92808666	1	Filter
5	23238074	1	Filter	16	22921092	2	Clip, retaining
6	23156052	2	Strap	17	35369347	1	Connector
7	92398130	2	Screw	18	35356484	1	Tube, nylon
8	92304666	2	Washer	19	35369339	1	Connector
9	46502779	2	Screw, cap head				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22383244	1	Bracket	17	95364469	3	Elbow
2	36840841	2	Valve, solenoid	18	95954194	1	Tee
3	95940748	3	Bush	19	35322346	1	Connector, orifice
4	35114545	2	Tee	20	35302314	2	Adapter
5	95930301	2	Bush	21	35322379	2	Valve, blowdown
6	36920825	1	Pressure switch	22	36766756	1	Orifice, silencer
7	35369503	1	Tee	23	95952990	1	Coupling
8	35369354	4	Elbow	24	35248145	1	Valve, check
9	95667341	2	Nipple	25	35283472	1	Connector
10	36896892	1	Regulator	26	35356484	AR	Tube (Nylon)
11	46539714	1	Elbow	27	92490358	AR	Tube (Nylon)
12	95954293	1	Cross	28	95944666	1	Elbow
13	54496773	1	Pressure switch	29	36840411	1	Valve, check
14	35369347	2	Connector	30	35282920	1	Hose assembly
15	54403266	1	Elbow	31	95365094	1	Elbow
16	95092318	1	Nipple				

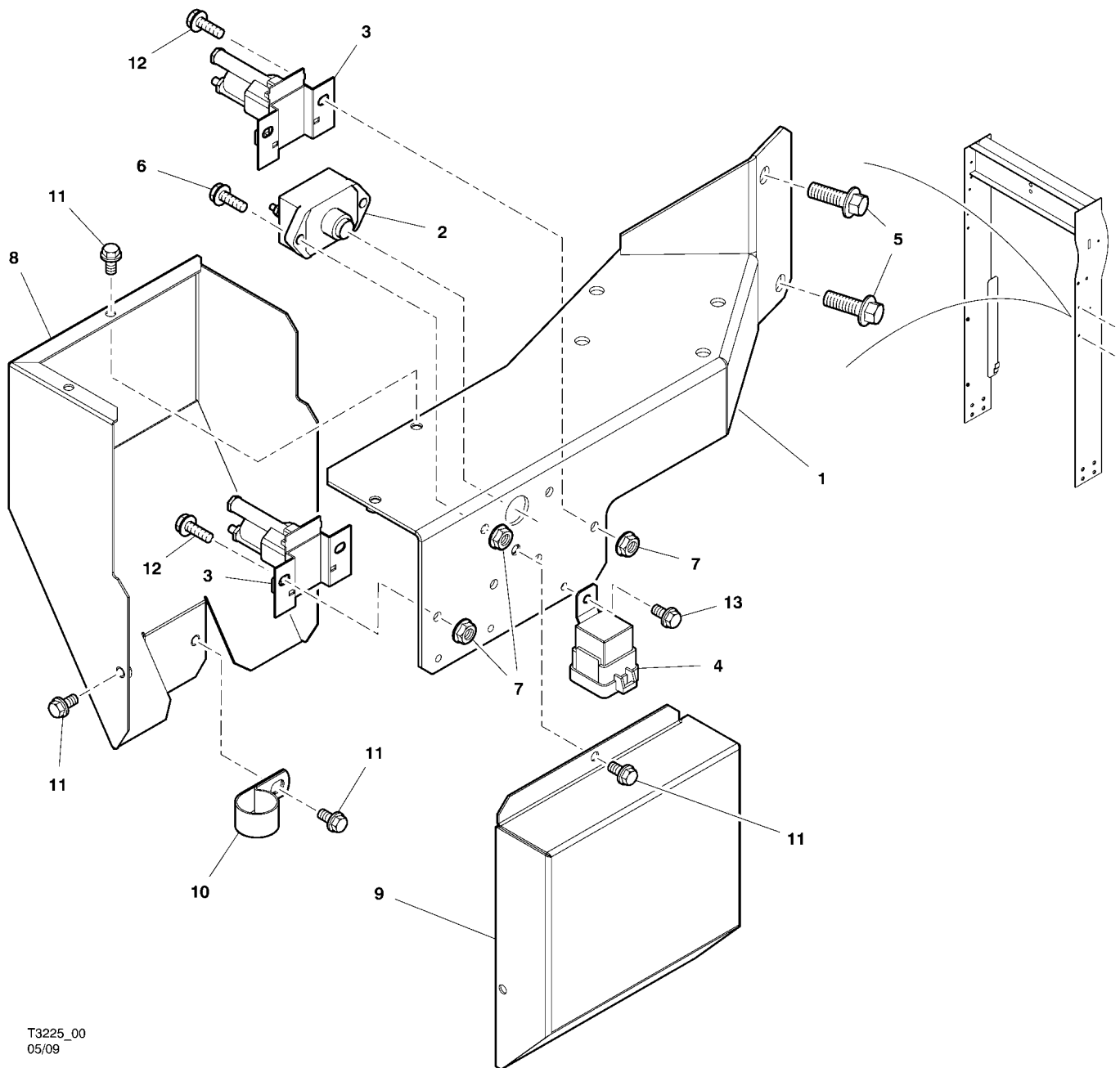


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23122062	1	Hose, oil cooler	11	95220844	8	Clamp
2	23174923	3	Banjo bolt	12	23122088	1	Hose, oil separator
3	23254402	4	Ring, copper	13	23190515	1	Hose, Fuel
4	36777399	5	Valve	14	23190556	1	Banjo straight
5	95947149	5	Plug	15	92354661	1	Plug
6	46551700	5	Protector	16	23174980	1	Hose, water cooler
7	23122070	1	Hose, engine oil	17	22293419	2	Seal
8	23174949	1	Banjo bolt	18	23028574	1	Hose, drain
9	23174931	4	Ring, copper	19	92281427	9	Tie wrap
10	23190549	1	Banjo straight				



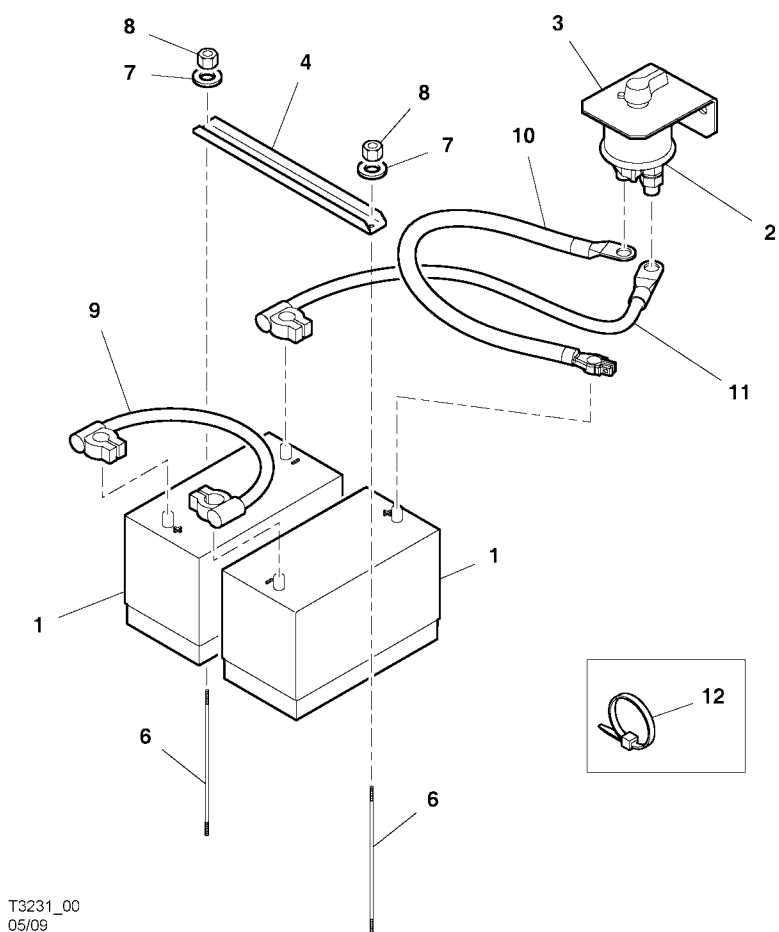
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22173579	1	Module	15	36898096	6	Screw
2	23076540	1	Panel, instrument	16	22171680	1	Gauge holder
3	22056394	1	Gauge, 24V	17	92829316	2	Nut
4	22050553	1	Light, warning module	18	23296445	1	Holder, socket
5	22054076	1	Switch assembly	19	22171698	1	Decal
6	22692602	1	Gauge, fuel level	20	96737531	4	Screw
7	22127385	1	Switch, start	21	89303127	2	Emergency stop button
8	22054175	1	Hourmeter	22	89303135	4	Contact block, Em stop
*	22054159	2	Nut, hourmeter	23	46539706	1	Cover, control panel back
9	36891216	1	Gauge, pressure 250psi	24	46539763	1	Cover, stop button
10	95935599	1	Coupling	*25	23376312	1	Harness, Instrument panel
11	54403209	1	Elbow	*26	23129232	1	Harness, chassis
12	22055883	1	Tachometer				
13	95942553	8	Screw				
14	96704580	8	Nut				

* Not illustrated

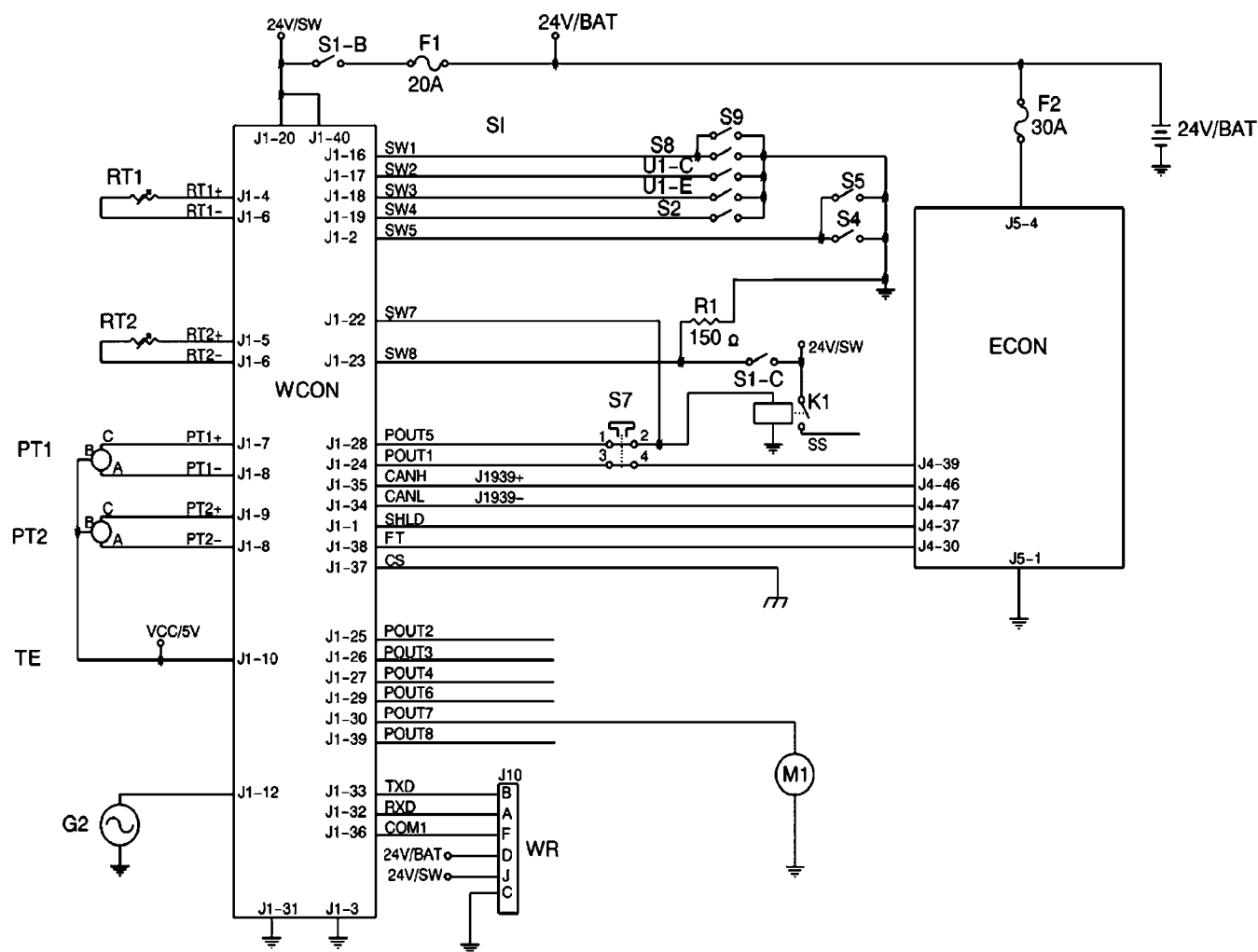


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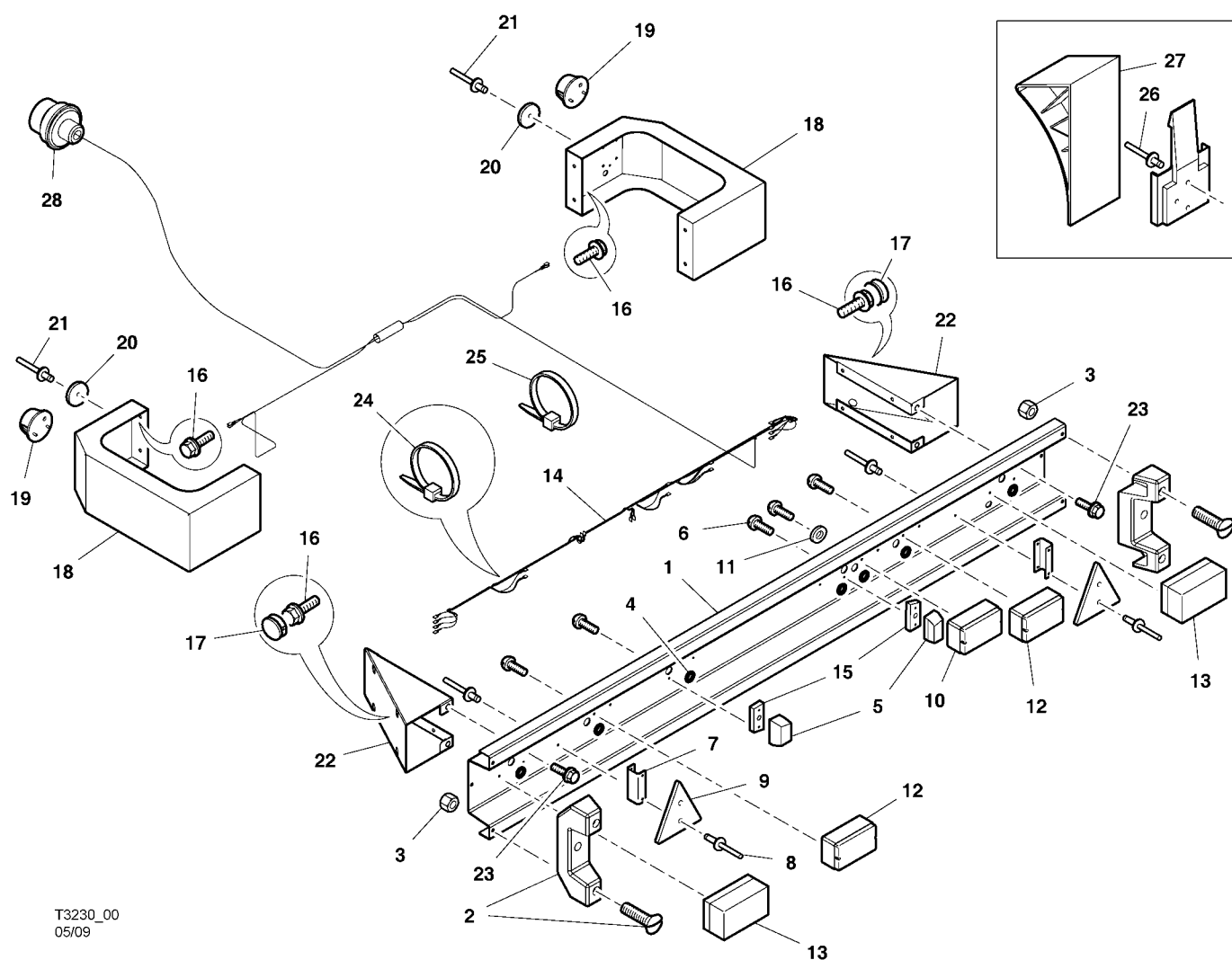
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46540134	1	Bracket	8	46540621	1	Cover, back
2	22101968	1	Breaker	9	46540639	1	Cover, front
3	36853521	2	Relay, starter / air preheat	10	35114081	1	Clip
4	36892362	1	Relay	11	92184811	6	Screw
5	36880995	2	Screw	12	92096015	4	Screw
6	36898096	2	Screw	13	36797652	1	Screw
7	96704176	6	Nut				



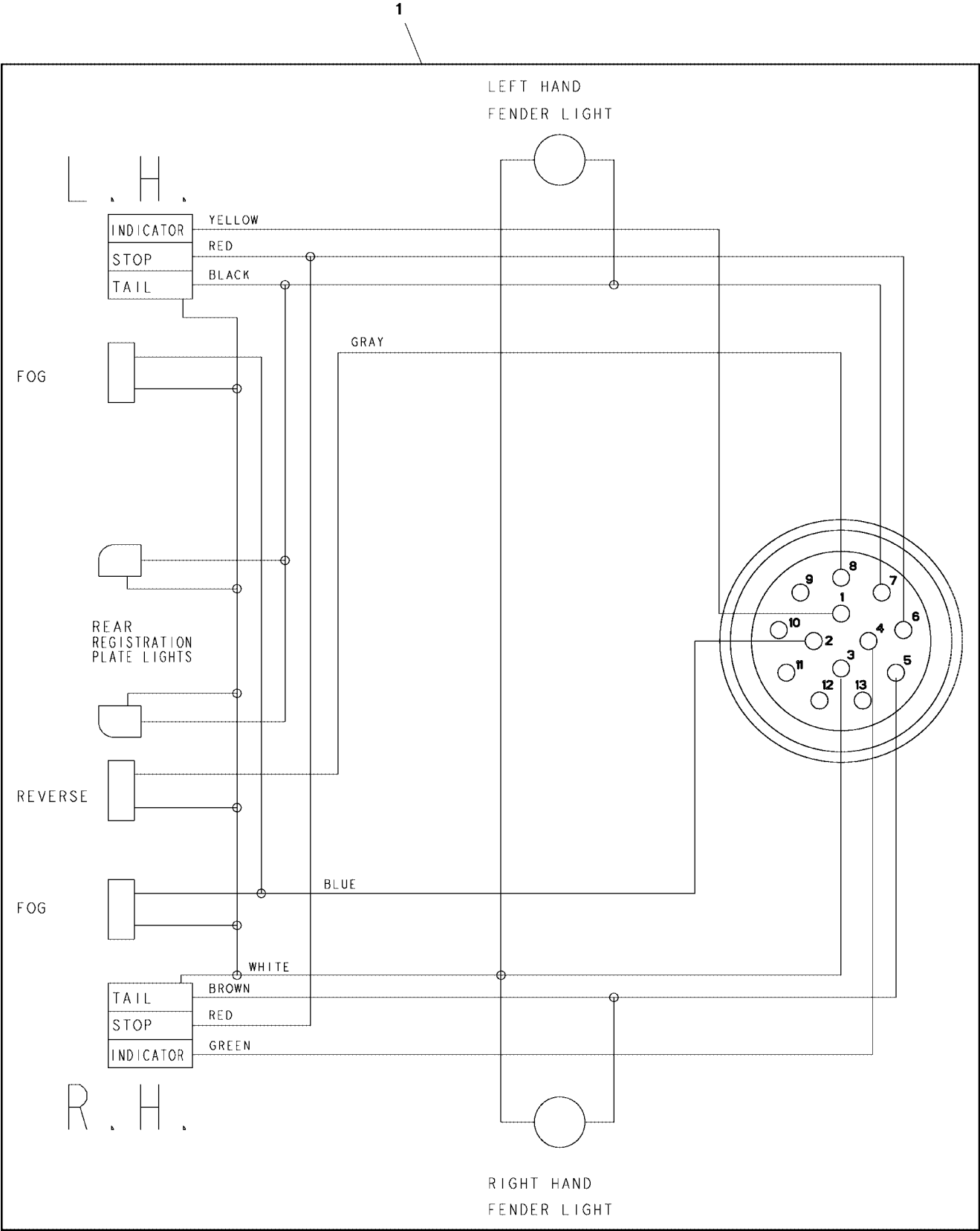
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22413876	2	Battery	8	92829316	2	Nut
2	36896975	1	Battery disconnect	9	23256761	1	Jumper, battery
3	46540795	1	Bracket	10	23129398	1	Cable, positive
4	46541165	1	Hold down, battery	11	23129406	1	Cable, negative
*5	22293419	0.4m	Seal, hold down	12	92281427	7	Tie, cable
6	92776749	2	Bolt				
7	36853265	2	Washer				* Not illustrated



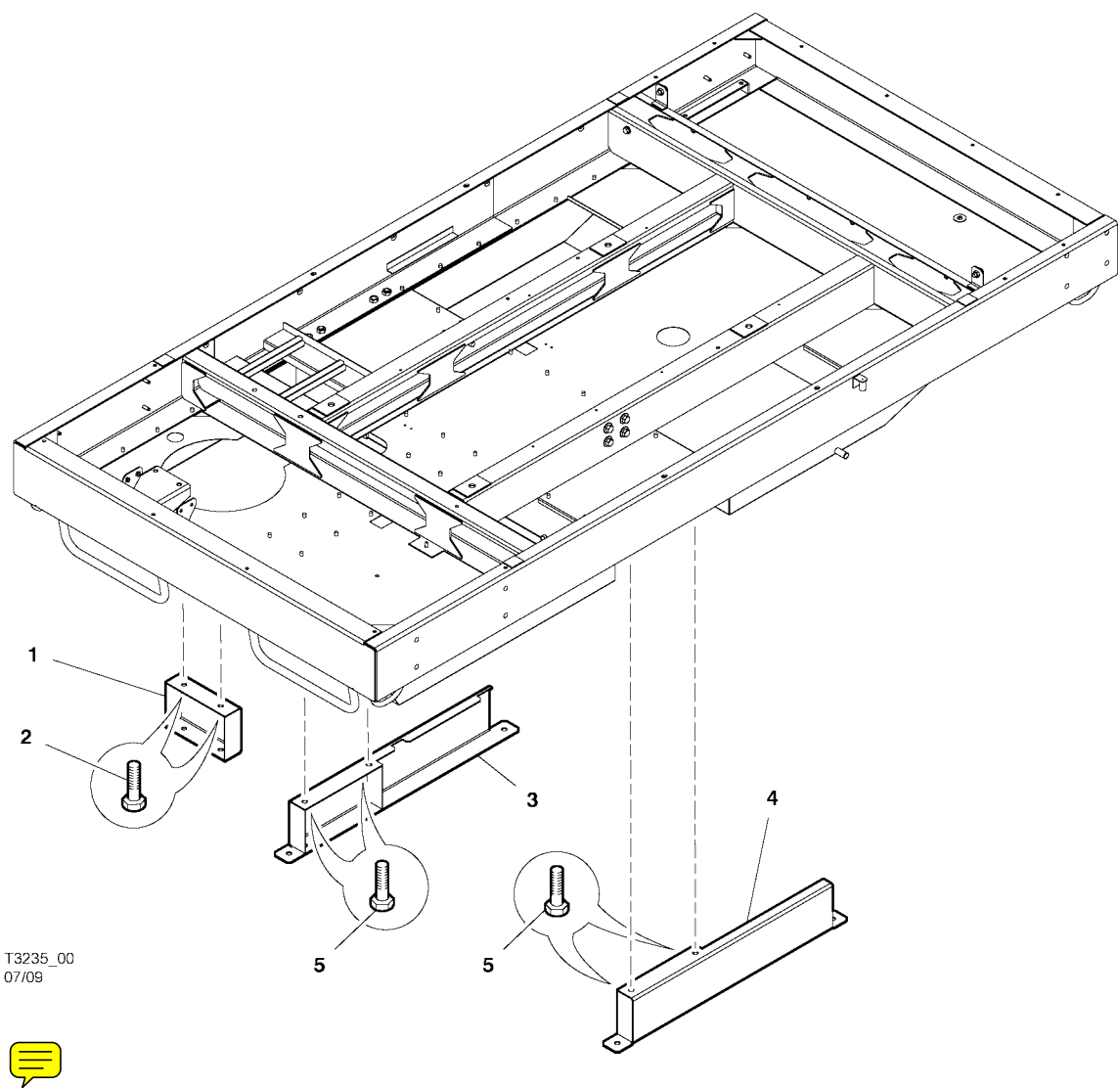
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
BAT	22413876	2	Battery	PT2	36920825	1	Transducer, Regulation Pressure
CS			CAN SHLD	RT1	36898922	1	Sensor, Temperature Seperator Tank
ECON			Engine controller	RT2	36898922	1	Sensor, Temperature Airend Discharge
F1		1	Fuse 20 A	S1	22127385	1	Switch, Key Start
F2		1	Fuse 30 A	S2	22054076	1	Switch, Start–Run
FT			Frequency throttle. Range = 230Hz to 327Hz	S4, S5	36847838	2	Switch, Air Filter Restriction
G2	36785319	1	Sensor, Mag Speed	S7	89303127	2	Option – Emergency Stop Operator
K1	36853521	1	Relay, Starter Solenoid	SI			Switch inputs
L1	36840841	1	Solenoid Valve, Start–Run	SS			Starter solenoid
L2	36840841	1	Solenoid Valve, Unloader	SW1			IQ filter restriction
M1	22054175	1	Hour meter	SW2			Alert, low fuel
POUT1			Engine key switch	SW3			Low fuel shutdown
POUT2			Solenoid Valve, Start–Run	SW4			Switch, Start–Run
POUT3			Spare	SW5			Switch, Air Filter Restriction
POUT4			Spare	SW7			Option – Emergency Stop Operator
POUT5			Relay, Starter Solenoid	SW8			Start switch
POUT6			Spare	TE			Transducer exitation
POUT7			Hour meter	U1	23129240	1	Sender, Fuel Level
POUT8			Solenoid Valve, Unloader	WCON	22173579	1	Wedge controller
PT1	54496773	1	Solenoid Valve, Unloader	WR			RS232C comms



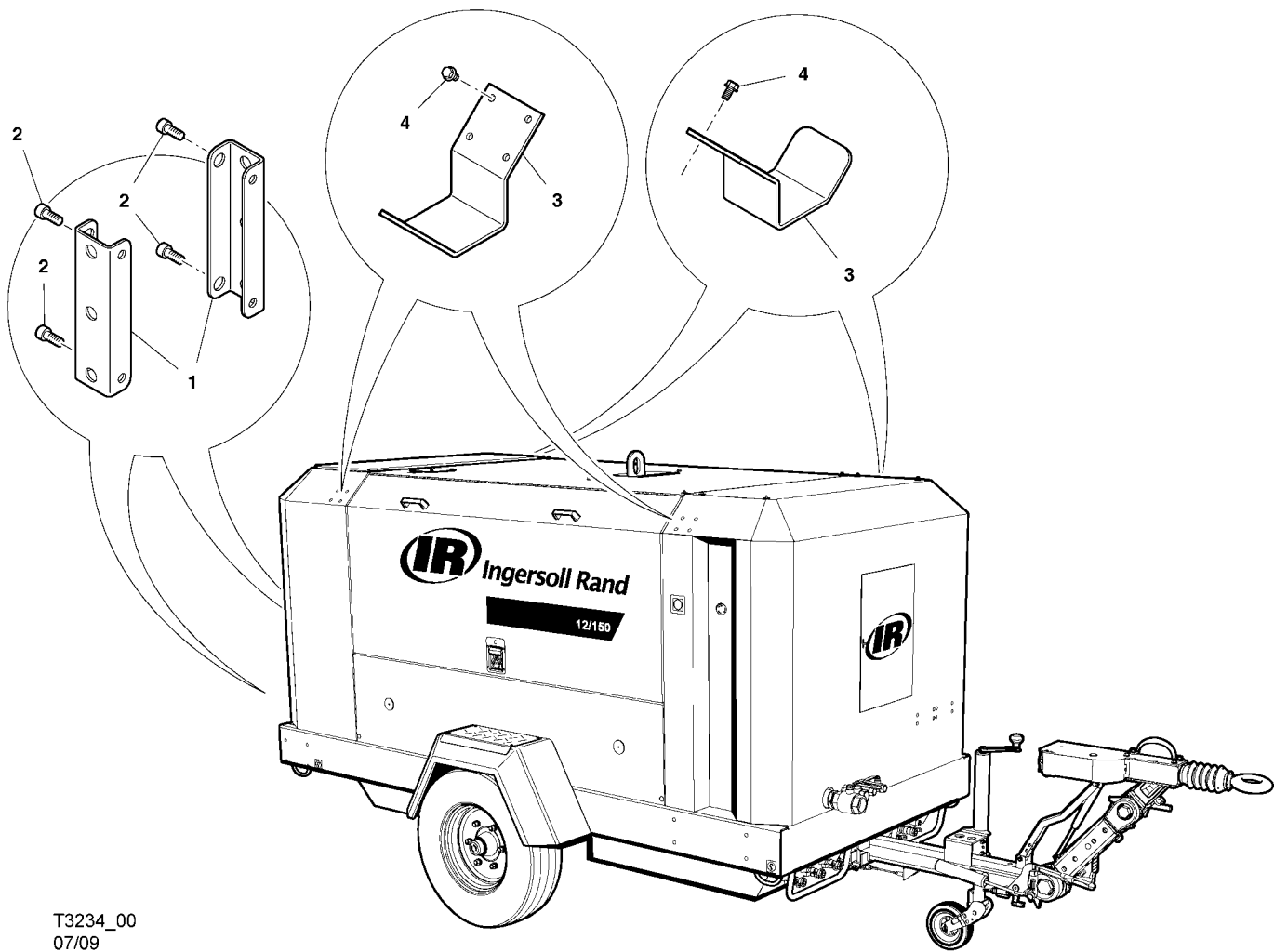
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-25	23369069	1	Bumper light option field kit	15	46540217	2	Spacer
1-15	23205511	1	Bumper assembly	16	96728480	16	Screw
1	23205529	1	Bumper	17	92783281	8	Plug
2	54614870	2	Bumper, end stop	18	23206865	2	Pod, front side
3	96704606	6	Locknut	19	92121250	2	Light, front side
4	46500021	7	Grommet	20	92085729	2	Reflector, white
5	92901230	2	Lamp, registration plate	21	92766690	8	Rivet
6	96737531	8	Screw	22	23207897	2	Bracket bumper
7	22073183	2	Bracket	23	92176114	4	Screw
8	22054498	8	92766690	24	92281427	18	Tie, cable
9	92721331	2	Reflector, red	25	92861640	2	Tie, harness to towing bar
10	23212863	1	Lamp, reverse	26-27	23369325	1	Wheel chocks option field kit
11	92304583	2	Washer	26	92271915	2	Rivet
12	93477388	2	Lamp, fog	27	92899293	2	Wheel chock
13	92901222	2	Lamp, stop/tail/direction	28	46520755	1	Plug, 13 pin
14	23205537	1	Harness, rear bumper				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23205537	1	Harness drawing				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23221625	1	Skid, front	4	23221633	1	Skid, Side LH
2	96719810	2	Screw	5	35375591	4	Screw
3	23221641	1	Skid, Side RH				

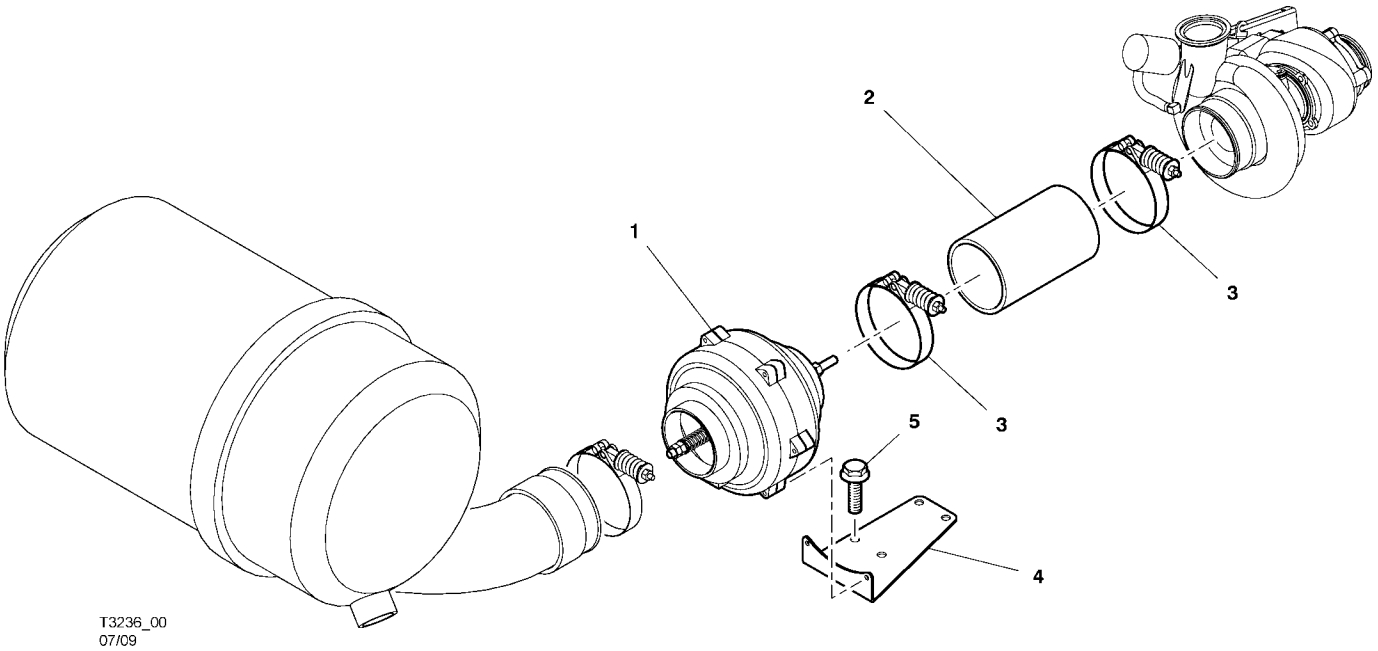


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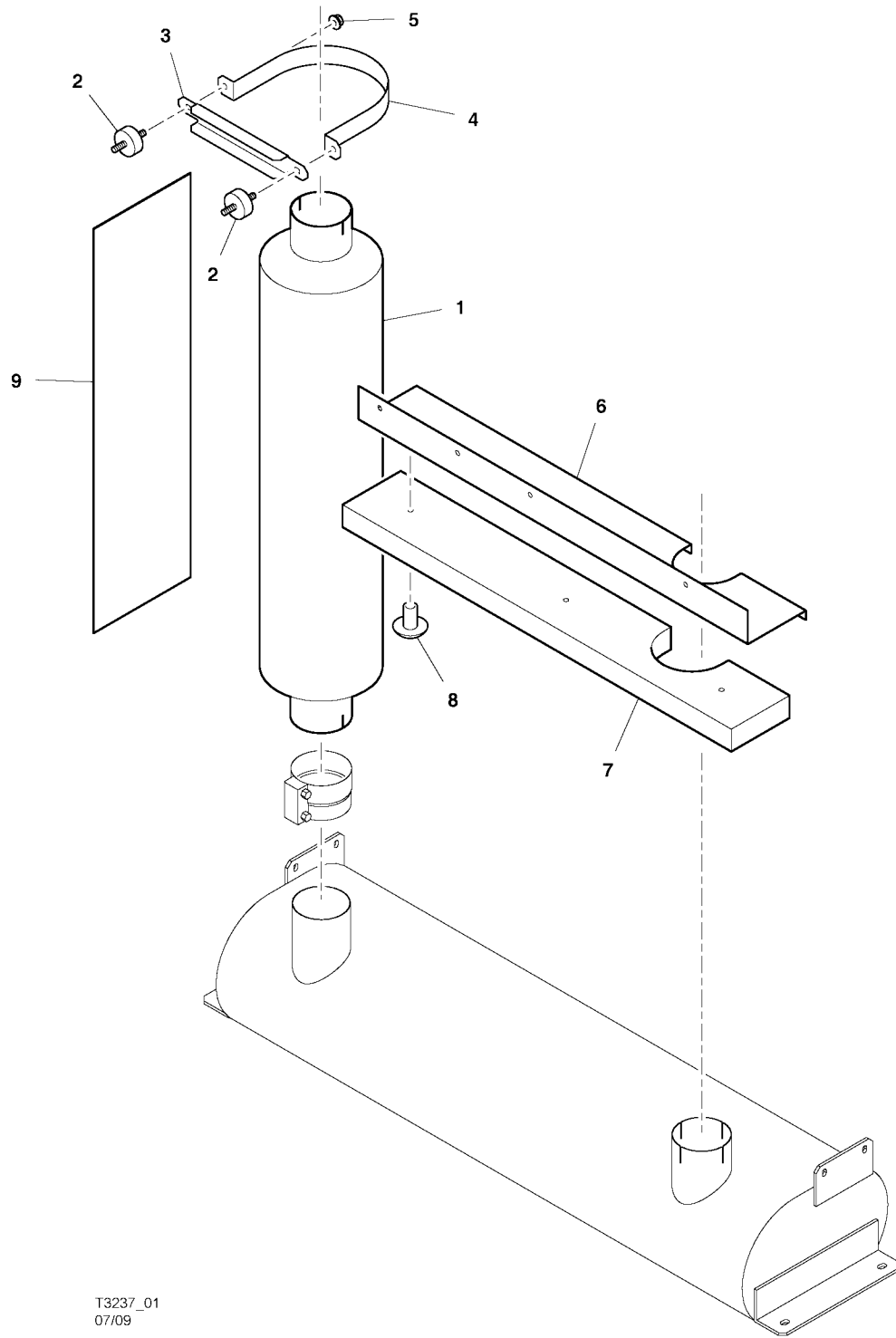
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-2	46540878	1	Option, trailer board	3-4	46500880	1	Option, hose carrier
1	46540860	2	Bracket	3	89299754	4	Support
2	96720172	4	Screw	4	96728480	16	Screw

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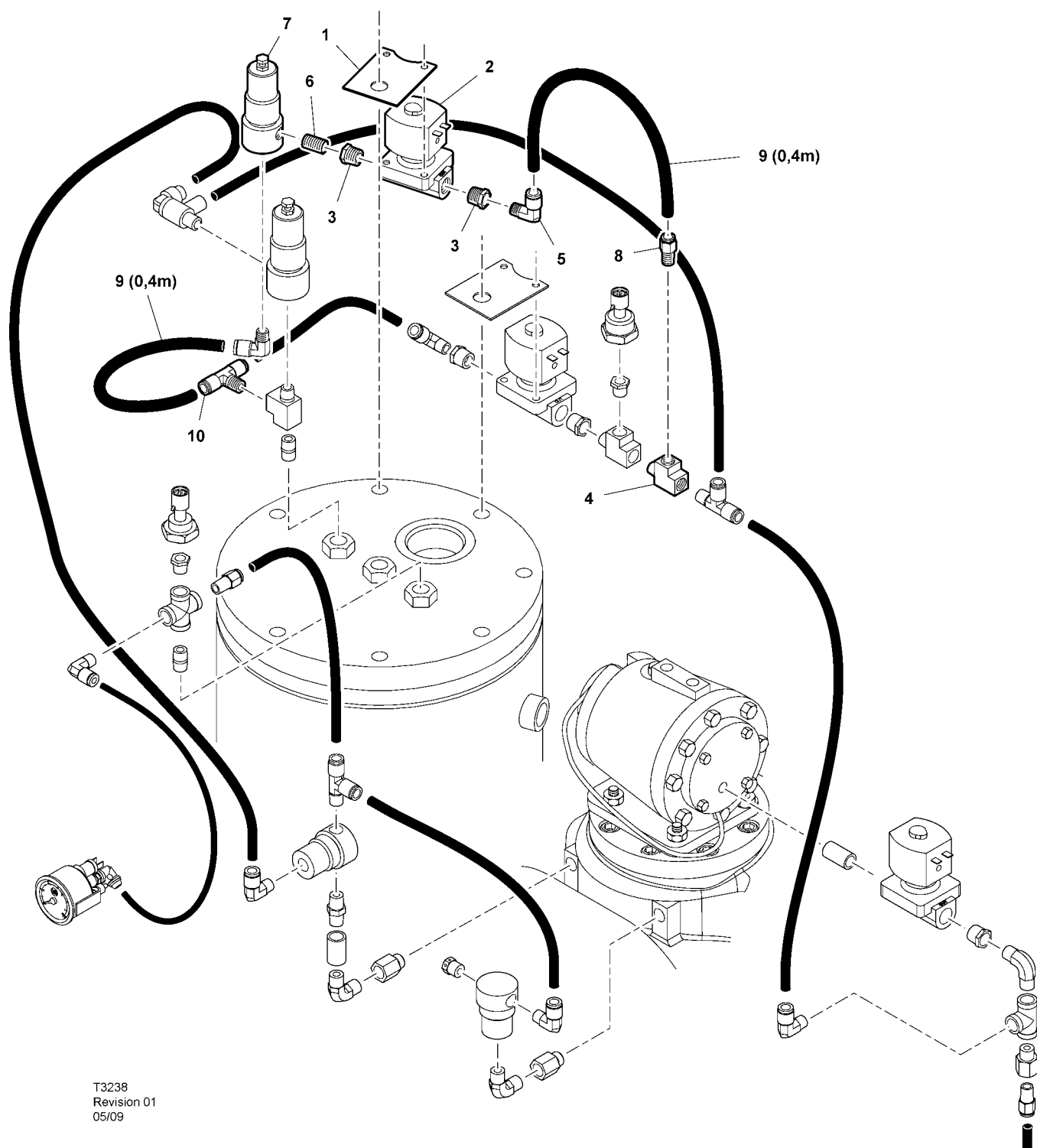
OPTION – OVERSPEED VALVE



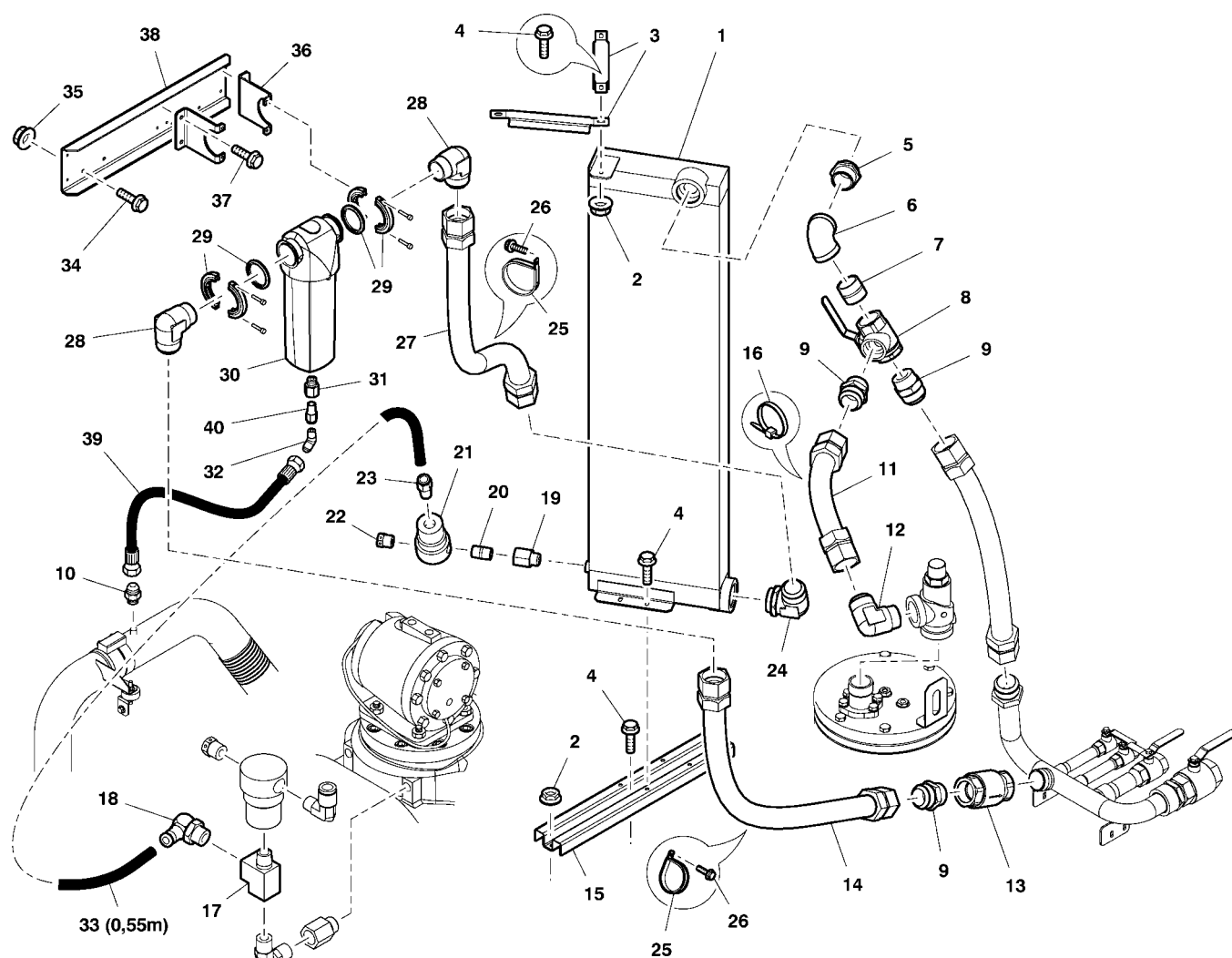
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-5	23214414	1	Option, overspeed valve	3	46540035	2	Clamp
1	23102155	1	Valve, overspeed	4	23214281	1	Bracket
2	23214273	1	Hose	5	92472638	4	Bolt



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1–9	23216898	1	Option, spark arrestor field kit	5	92473594	2	Nut
1	23367865	1	Arrestor, spark	6	46551550	1	Baffle
2	23093867	2	Mount	7	46551560	1	Foam
3	46551557	1	Bracket	8	23143415	3	Retainer
4	46551558	1	Clamp	9	23339146	1	Insulation



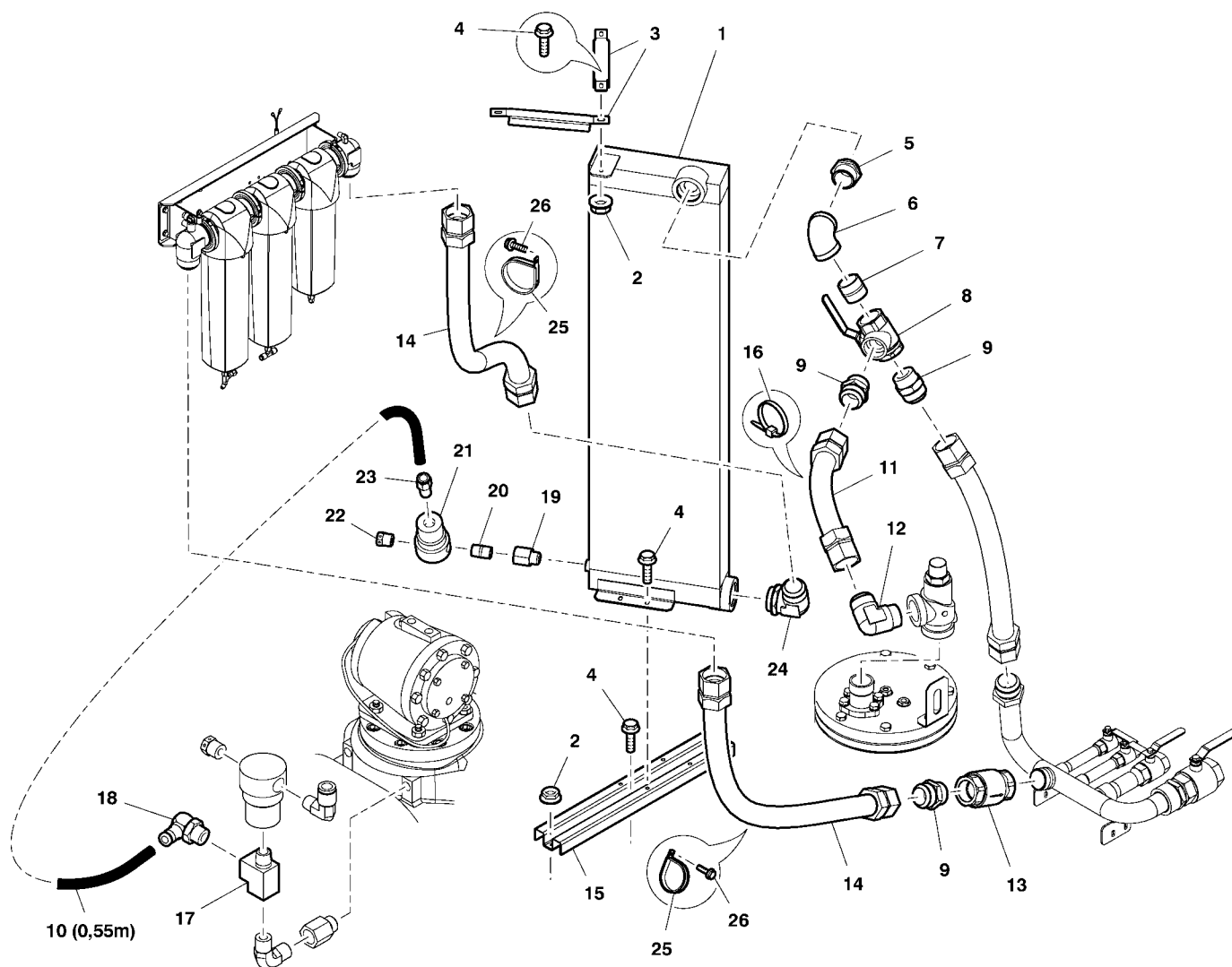
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-14	23217508	1	Option, dual pressure field kit	9	35356484	AR	Tube (Nylon)
1	22383244	1	Bracket	10	35373976	1	Tee
2	36840841	1	Valve, solenoid	*11	23217516	1	Harness, dual pressure
3	95940748	2	Bush	*12	92281427	6	Tie, cable
4	35114545	1	Tee	*13	22054084	1	Switch, rocker HI/LO
5	35369354	1	Elbow	*14	46551616	1	Decal, dual pressure
6	95667341	1	Nipple				
7	36896892	1	Regulator				* Not illustrated
8	35369347	1	Connector				



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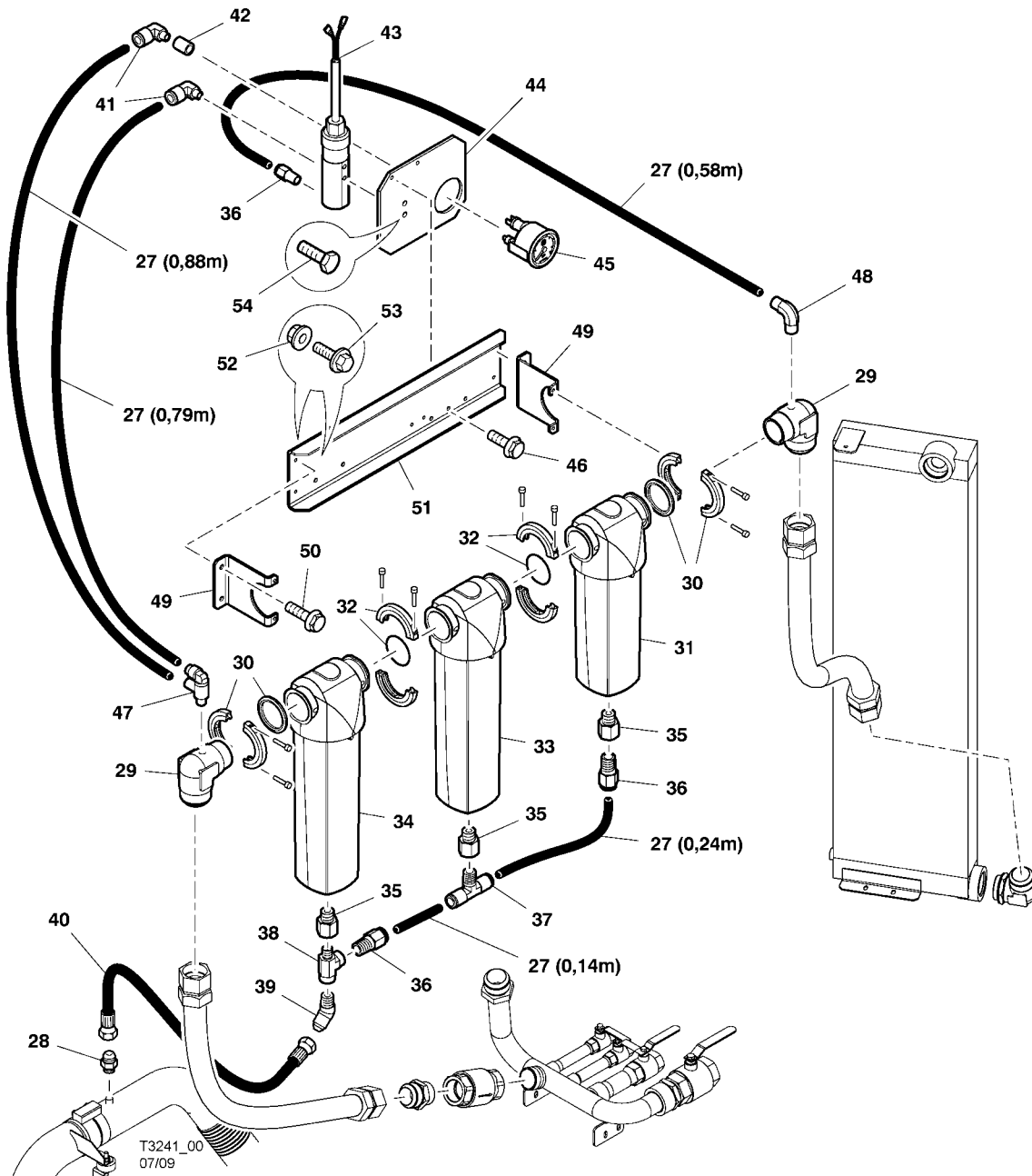
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1–39	23215858	1	Option, aftercooler, WS field kit	22	36766756	1	Orifice, silencer
1	23315864	1	Aftercooler	23	35369347	1	Connector
2	92398114	3	Nut	24	95944740	1	Elbow
3	46539441	2	Support	25	46539615	2	Clamp
4	92101112	7	Screw	26	36898096	2	Screw
5	46551500	1	Connector	27	23218480	1	Hose assembly
6	95946281	1	Elbow	28	95286910	2	Elbow
7	95732004	1	Connector	29	23187420	2	Clamp kit
8	36922987	1	Valve	30	23193667	1	Water separator
9	35335124	3	Connector	*	23343221	1	Drain float
10	35283464	1	Adaptor	31	96746334	1	Adaptor
11	23218464	1	Hose assembly	32	95302170	1	Elbow
12	36786127	1	Elbow	33	35356484	1	Tube, nylon
13	36920221	1	Valve, check	34	36889608	4	Screw
14	23218498	1	Hose assembly	35	36881886	4	Nut
15	46539409	1	Bracket	36	23194210	2	Bracket
16	92281427	6	Tie wrap	37	35279025	4	Screw
17	35114545	1	Tee	38	23342066	1	Bracket
18	35369354	1	Elbow	39	54764154	1	Hose assembly
19	35293687	1	Connector, orifice	40	35379700	1	Connector
20	95667341	3	Nipple				
21	35322379	1	Valve, blowdown				

* Not illustrated

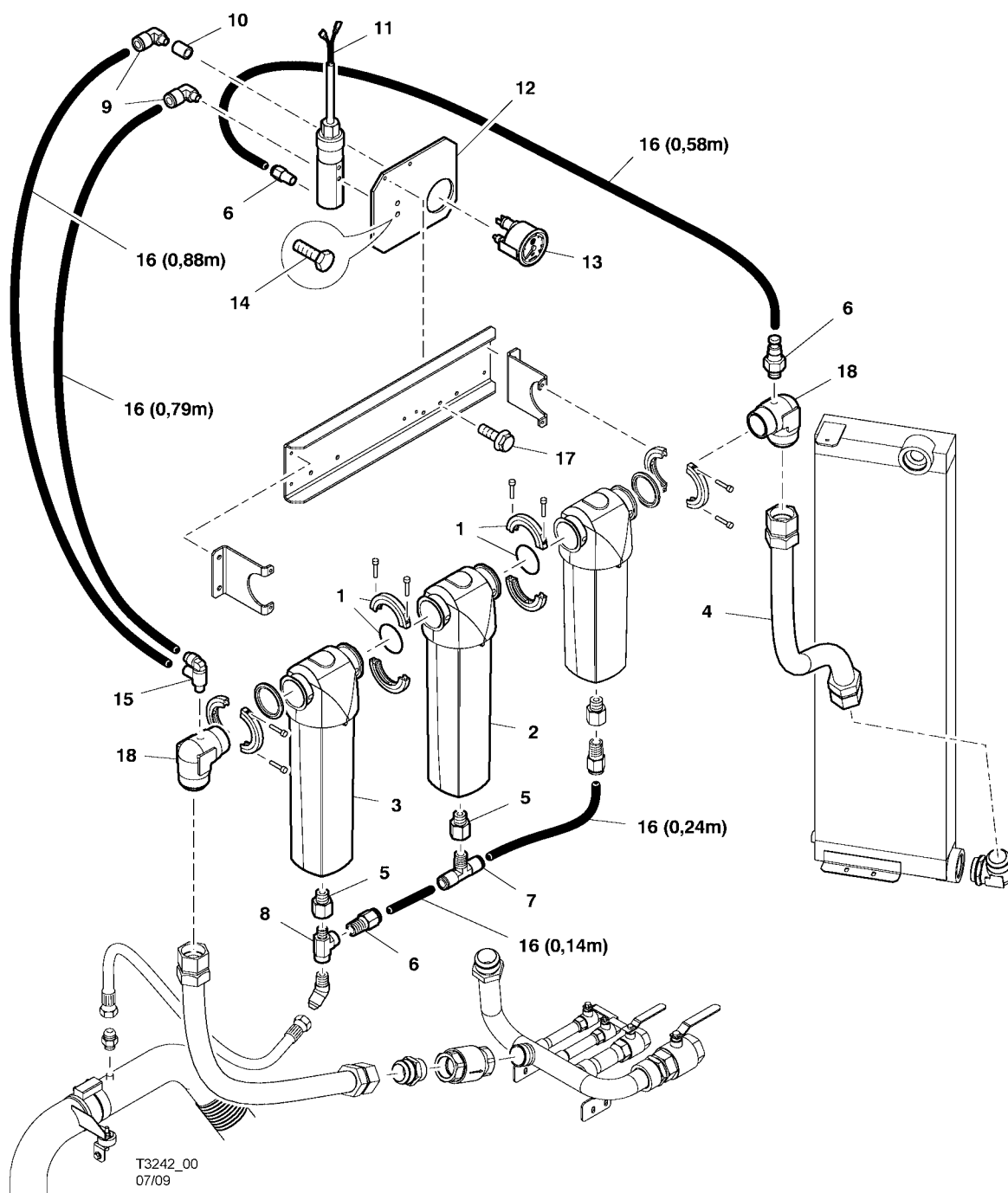


T3240_00
07/09

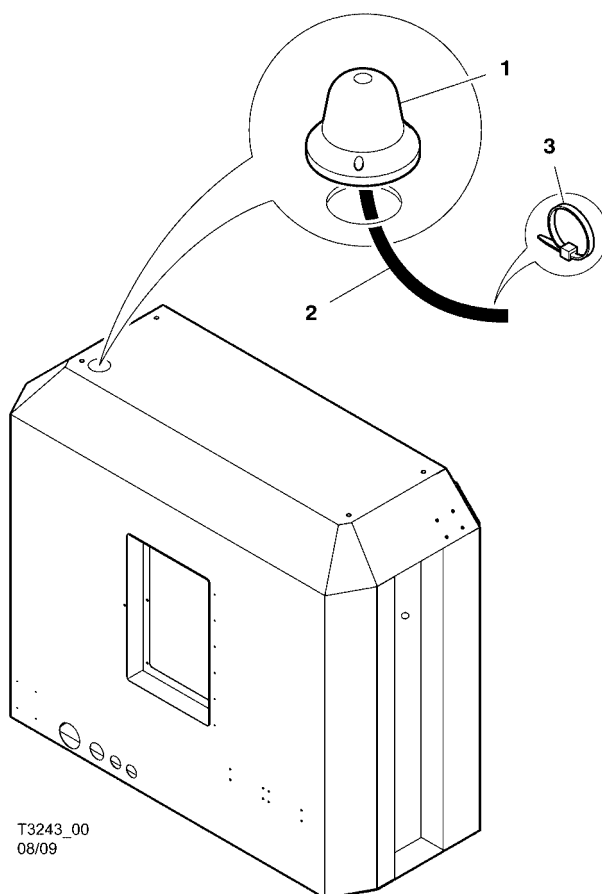
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-53	23215668	1	Option, aftercooler, WS IQ filters field kit	14	23218498	1	Hose assembly
1	23315864	1	Aftercooler	15	46539409	1	Bracket
2	92398114	3	Nut	16	92281427	6	Tie wrap
3	46539441	2	Support	17	35114545	1	Tee
4	92101112	7	Screw	18	35369354	1	Elbow
5	46551500	1	Connector	19	35293687	1	Connector, orifice
6	95946281	1	Elbow	20	95667341	3	Nipple
7	95732004	1	Connector	21	35322379	1	Valve, blowdown
8	36922987	1	Valve	22	36766756	1	Orifice, silencer
9	35335124	3	Connector	23	35369347	1	Connector
10	35356484	1	Tube, nylon	24	95944740	1	Elbow
11	23218464	1	Hose assembly	25	46539615	2	Clamp
12	36786127	1	Elbow	26	36898096	2	Screw
13	36920221	1	Valve, check				



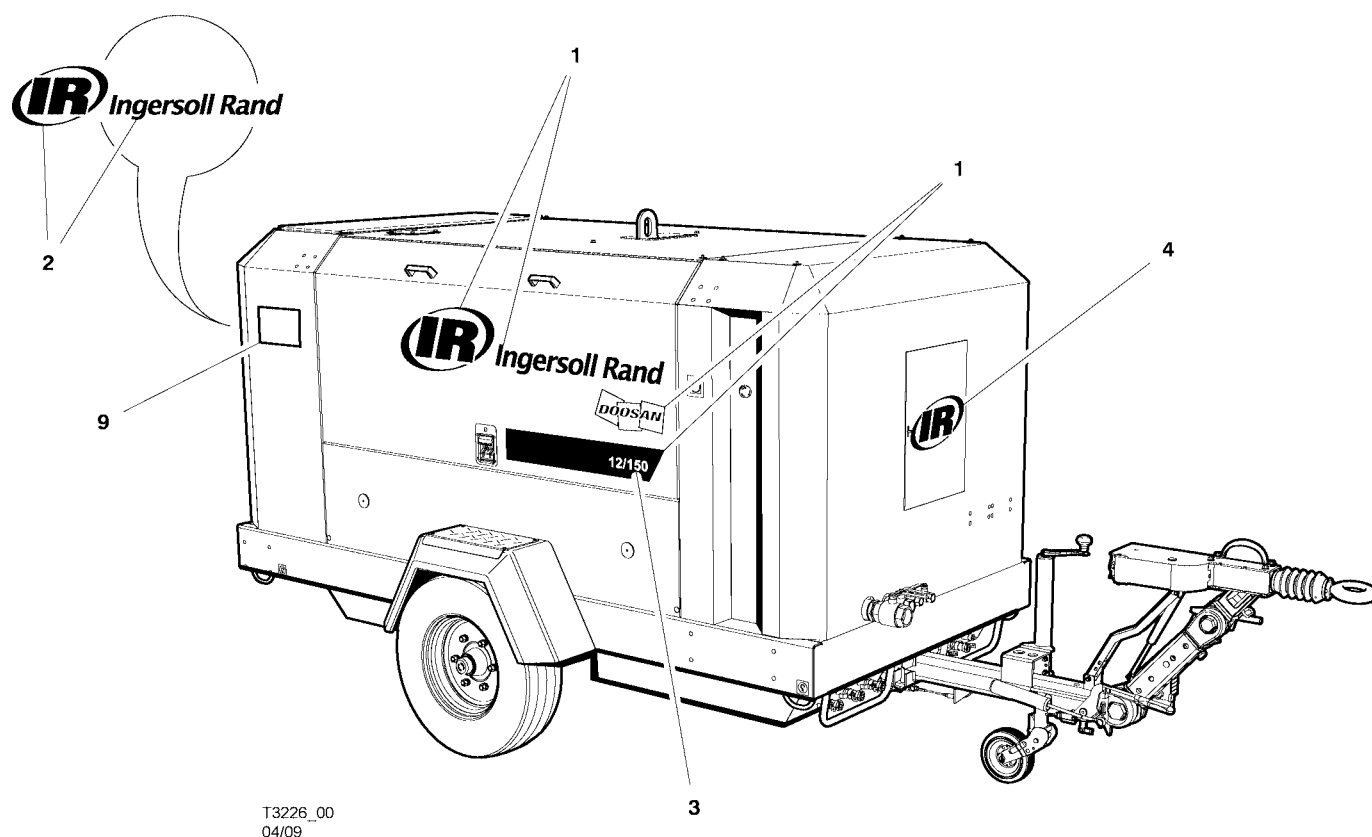
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
27	35356484	5	Tube, nylon	42	95038634	1	Coupling
28	35283464	1	Adaptor	43	36899615	1	Indicator
29	23273774	2	Elbow	44	23194970	1	Plate, gauge
30	23187420	2	Clamp kit	45	36891216	1	Gauge, pressure
31	23193667	1	Water separator	46	36797652	2	Screw
*	23343221	1	Drain float	47	46539714	1	Elbow
32	23187388	2	Clamp kit with O'ring	48	35369354	1	Elbow
33	23193675	1	Filter IQ, primary	49	23194210	2	Bracket
	23212491	1	Element filter IQ, primary	50	35279025	4	Screw
34	23193683	1	Filter IQ, secondary	51	23342066	1	Bracket
	23212509	1	Element filter IQ, secondary	52	36881886	4	Nut
35	96746334	3	Connector, orifice	53	36889608	4	Screw
36	35379700	3	Connector	54	95934774	2	Screw
37	35369396	1	Tee	*55	46551506	1	Decal, Omega IQ option
38	39127287	1	Tee	*56	36534766	1	Decal, IQ small
39	95302170	1	Elbow				
40	54764154	1	Hose assembly				* Not illustrated
41	35370386	2	Elbow				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-20	23218712	1	Option, IQ filter field kit	11	36899615	1	Indicator
1	23187388	2	Clamp kit with O'ring	12	23194970	1	Plate, gauge
2	23193675	1	Filter IQ, primary	13	36891216	1	Gauge, pressure
	23212491	1	Element filter IQ, primary	14	95934774	2	Screw
3	23193683	1	Filter IQ, secondary	15	46539714	1	Elbow
	23212509	1	Element filter IQ, secondary	16	35356484	5	Tube, nylon
4	23218480	1	Hose assembly	17	36797652	2	Screw
5	96746334	2	Adaptor	18	23273774	2	Elbow
6	35379700	3	Connector	*19	46551506	1	Decal, Omega IQ option
7	35369396	1	Tee	*20	36534766	1	Decal, IQ small
8	39127287	1	Tee				
9	35370386	2	Elbow				* Not illustrated
10	95038634	1	Coupling				

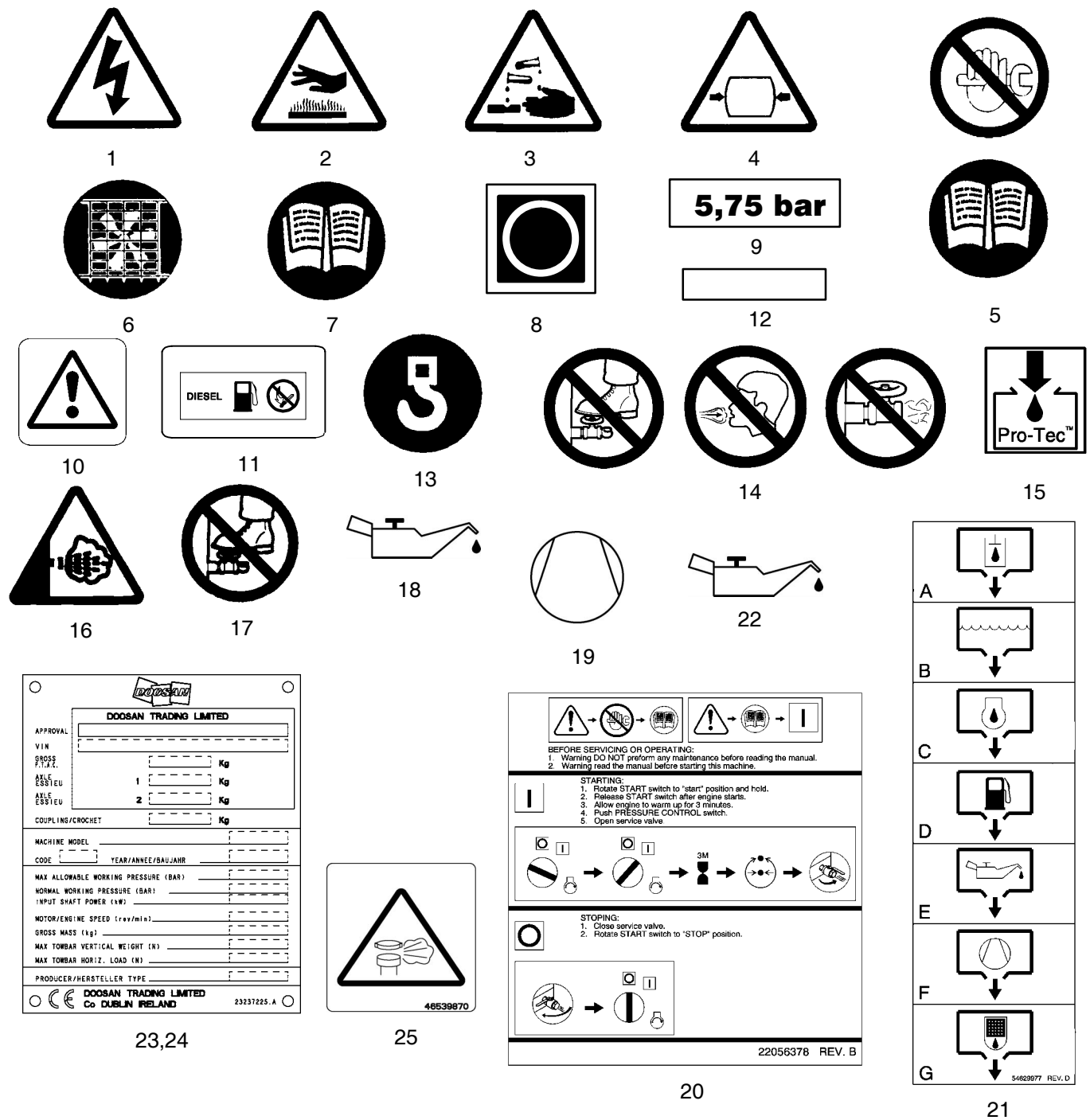


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1–4	46551599	1	Option, low fuel warning field kit	*4	89299382	1	decal low fuel beacon
1	22254403	1	Light, strobe				
2	46551600	1	Harness, low fuel				* Not illustrated
3	92281427	1	Tie, cable				



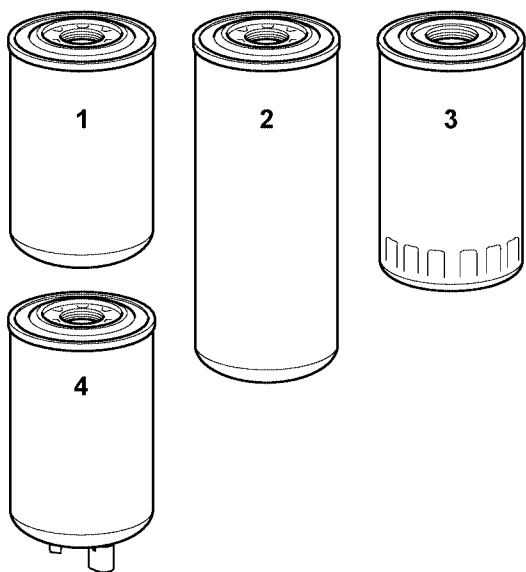
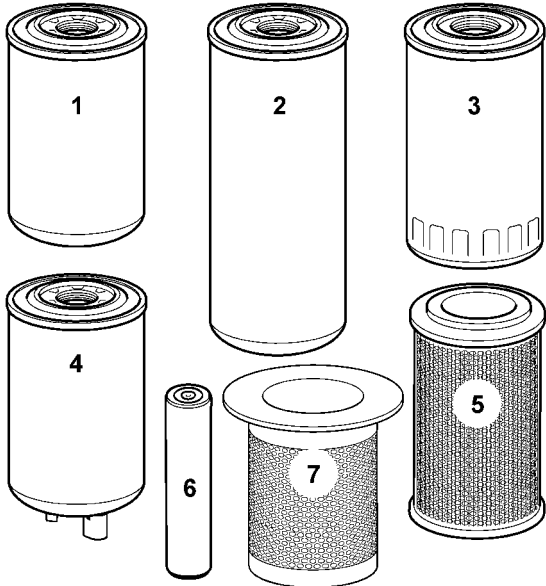
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-4	46500997	1	Black logo kit	*10	23136625	1	Manual, Operation and Maintenance (en)
1	46551717	2	Decal, logotype	*11	23136666	1	Manual, Operation and Maintenance (fr)
2	23322902	1	Decal, logotype	*12	23136682	1	Manual, Operation and Maintenance (nl)
3	23361330	2	Decal, model	*13	23136609	1	Manual, Operation and Maintenance (de)
4	54639141	1	Decal, swoosh	*14	23136708	1	Manual, Operation and Maintenance (pt)
*5-8	46551703	1	White logo kit	*15	23136674	1	Manual, Operation and Maintenance (it)
*5	46551719	2	Decal, logotype	*16	23136633	1	Manual, Operation and Maintenance (es)
*6	46551723	1	Decal, logotype	*17	23136617	1	Manual, Operation and Maintenance (da)
*7	46551725	2	Decal, model	*18	23136716	1	Manual, Operation and Maintenance (sv)
*8	46551724	1	Decal, swoosh	*19	23136690	1	Manual, Operation and Maintenance (no)
9	22062335	1	Decal, sound power	*20	23136641	1	Manual, Operation and Maintenance (fi)
				*21	23136724	1	Manual, Operation and Maintenance (ru)
				*22	23136591	1	Manual, Operation and Maintenance (el)
				*23	23136583	1	Manual, Parts catalogue

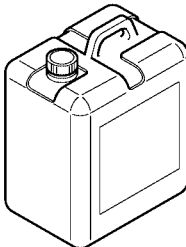
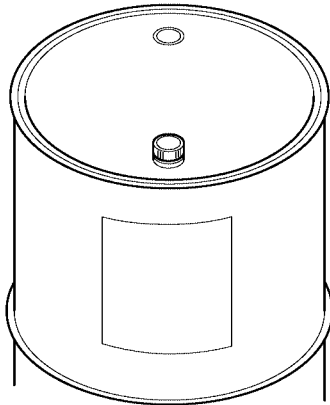
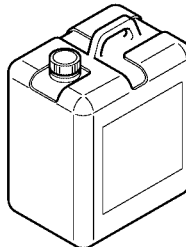
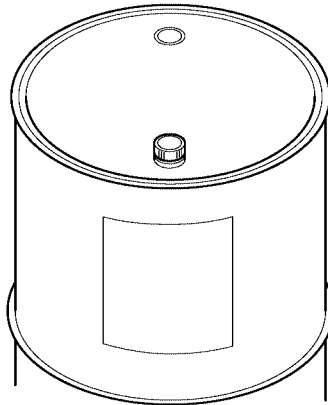
* Not illustrated



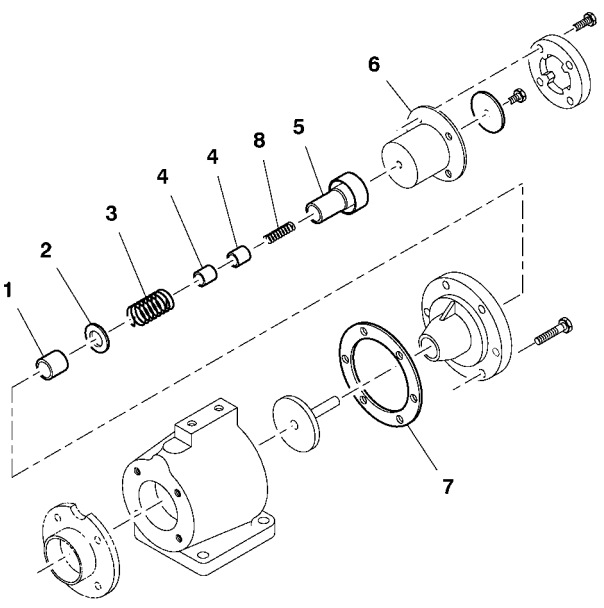
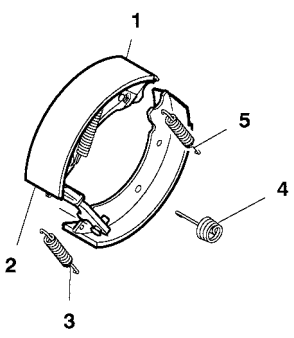
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	92930593	1	Decal, electric shock symbol	14	93465383	1	Decal, service valve symbol
2	92867530	1	Decal, hot surface symbol	15	89298491	1	Decal, Protec oil
3	92930601	1	Decal, corrosive substance symbol	16	92976042	1	Decal, exhaust gas discharge symbol
4	92930585	1	Decal, pressurised vessel symbol	17	93194413	1	Decal, do not stand
5	92930668	1	Decal, no maint/read book symbol	18	93171270	1	Decal, engine oil fill
6	93165959	5	Decal, use guards when running symbol	19	93171288	2	Decal, coolant fill
7	92867449	2	Decal, refer to handbook symbol	20	22056378	1	Decal, pre-start warning
8	92930650	2	Decal, emergency stop symbol	21	54629977	1	Decal, central drain
9	46539542	2	Decal, tyre pressure 5,75 bar	22	93178945	1	Decal, oil fill symbol XP
10	92930627	2	Decal, general warning	23	23237225	1	Plate, data
11	23321961	1	Decal, ISO diesel fuel symbol	24	92368075	4	Rivet
12	93190486	1	Decal, coolant level	25	46539870	1	Decal, hot liquid symbol
13	93171262	6	Decal, lift/tie point symbol				

71 MAINTENANCE KITS

ccn	Qty.	Description	ccn	Qty.	Description		
							
1-4	46550523	1	KIT - 500 HOUR	1-7	46550524	1	KIT - 1000 HOUR
1	23190200	1	Element, oil filter (engine)	1	23190200	1	Element, oil filter (engine)
2	36897346	1	Element, oil filter (airend)	2	36897346	1	Element, oil filter (airend)
3	23190192	1	Element, fuel filter (primary)	3	23190192	1	Element, fuel filter (primary)
4	23190184	1	Element, fuel filter (secondary)	4	23190184	1	Element, fuel filter (secondary)
				5	23126311	2	Element, air filter
				6	23126329	2	Element, air filter (safety)
				7	22111975	1	Element, oil separator

ccn			Qty.	Description	ccn			Qty.	Description
 1  2					 1  2				
1	89311716	20L	Protec engine oil		1	89292973	20L	Protec compressor oil	
2	89311724	208L	Protec engine oil			85434296	20L	XHP 405 compressor oil	
						22252076	20L	XHP 605 compressor oil	
					2	89292981	208L	Protec compressor oil	
						85434045	208L	XHP 405 compressor	
						22252050	208L	XHP 605 compressor oil	

73 SERVICE KITS

ccn	Qty.	Description	ccn	Qty.	Description
					
1-7	46550520	1	Unloader Overhaul Kit		
1	35318013	1	Bushing, Housing		
2	35317205	1	Washer, Piston 43mm		
3	35322767	1	Spring, Piston		
4	35318005	2	Bushing, Piston		
5	35588193	1	Piston, Unloader		
6	35317197	1	Diaphragm		
7	35588300	1	Gasket, Piston		
8	35321603	1	Spring		
1-5	46517868	1	Brake Pad Kit		
1	22241012	2	Shoe (rear)		
2	22241111	2	Shoe (front)		
3	22241582	2	Spring (lower)		
4	22241186	2	Spring		
5	22241202	2	Spring (upper)		

1 MACHINE/ 2 YEARS

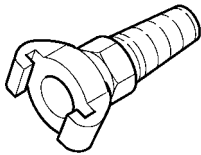
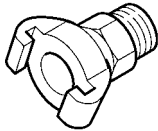
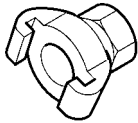
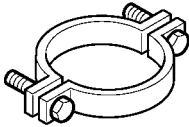
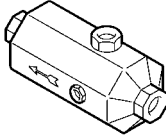
ccn	Quantity	Description	ccn	Quantity	Description
22050553	1	Light, Warning	22101968	1	Fuse 120a – Engine Inlet Heater
22692602	1	Gauge, Fuel Level	36840411	1	Check Valve
22054076	1	Switch, Rocker	23190192	4	Filter, Fuel Primary
22054175	1	Hourmeter	23190184	4	Filter, Fuel Secondary
22055883	1	Tacho	36892362	2	Relay, 24v SPDT
22127385	1	Switch, Start	36896892	1	Pressure Regulator 200psi
22137426	2	Lamp, 28v	36891216	1	Pressure Gauge
22201354	2	Resistor	22056394	1	Gauge 4 in 1
46519823	2	Fan Belt	36898922	1	Sensor, Temperature
36785319	1	Sensor, Engine Speed	23240013	1	Fuel Filler Cap
35604180	1	Sensor, Coolant Temp	23129240	1	Sender, Fuel Level
22222608	1	Sensor, Engine Oil Pressure	35317197	1	Unloader Diaphragm
46518478	2	Thermostat	35318229	2	Mount, Engine
35318229	2	Mount, Airend	36898922	1	Switch, Thermal (Sep Tank)
35322379	1	Blowdown Valve	36898922	1	Switch, Thermal (Disch Air)
35376169	3	Diode	46519146	1	O-ring, Oil Filler Cap
22218457	1	Spring MPV, Small	15903347	1	Cap, Oil Filler
35367366	1	Spring MPV, Large	46519138	1	Dipstick
46551622	2	Valve, Vacuator	89292973	2	Protec Compressor Fluid 20 L
46519401	6	Washer, Inj. Sealing	89292981	1	Protec Compressor Fluid 208 L
46519419	6	O-ring, Injector	89311716	4	Protec Engine Oil 20 L
35322346	1	Orifice, Silencer	92530047	1	Ball Valve 2"
36766756	1	Orifice, Silencer	92111228	1	Ball Valve 1 1/4"
36769560	1	Cap, Radiator	92294461	1	Ball Valve 3/4"
46518460	1	Element, Temp. Bypass Valve Engine	36892362	1	Relay, Starter – Inlet Heater
36792083	2	Fuse 20a F1			

This range of air delivery hose is readily available in the two most commonly used sizes of 3/4" and 1" I/D, in three lengths; 15m (50') complete with fittings, 4m (13') complete with fittings and random lengths. Please note the CPN given for the random lengths is a per metre measurement, therefore when ordering please specify the number of metres required.

The chart is by no means exhaustive, additional sizes or fitted lengths can be made available on request to suit your individual needs. Similarly the chart only gives details of air delivery hose at 15.5 bar (225 psi) working pressures. Should you require higher working pressures or different types of hose please contact Portable Power Aftermarket, via your normal channels.

CPN	Hose I.D. (Inch)	Hose I.D. (mm)	Hose O.D. (mm)	Working pressure (psi)	Burst pressure (psi)	Weight Kg/Mtr
35393990 Random Length	3/4"	19	30	225	675	0.580
89310718 50ft fitted length	3/4"	19	30	225	675	0.580
92737840 13ft fitted length	3/4"	19	30	225	675	0.580
92047331 Random Length	1"	25	36	225	675	0.830
92112226 50ft fitted length	1"	25	36	225	675	0.830
92737857 13ft fitted length	1"	25	36	225	675	0.830

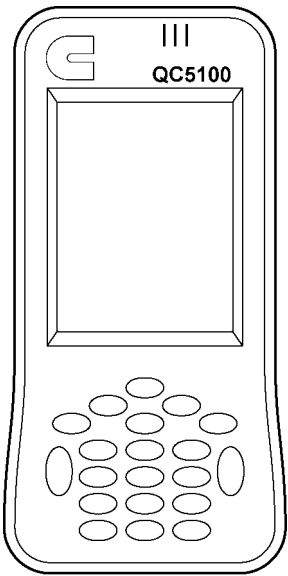
To complement our range of air hose, we also offer a full range of hose couplings, seals and clamps, each manufactured to the highest quality. All couplings feature double locking action to ensure on site safety.

ccn	Description	ccn	Description
 1  2  3 T3244_00 09/09		 4  5  6	
1	Hose coupling (Hose tail)	4	Hose clamp
92150978	3/4" (19mm)	92150986	3/4" (19mm)
92063379	1" (25mm)	92063387	1" (25mm)
2	Male coupling	5	Rubber seal
92737980	3/4" NPT (19mm)	92178565	3/4" (19mm)
92063296	1" NPT (25mm)		
92178524	3/4" BSP (19mm)	6	Air line lubricator
92083021	1" BSP (25mm)	35364306	3/4" NPT 1/3pt (0.18 Litres)
		35364314	3/4" NPT 1/2pt (0.28 Litres)
3	Female coupling	35364322	1" NPT 1pt (0.56 Litres)
92737998	3/4" NPT (19mm)	35371103	3/4" BSP 1/3pt (0.18 Litres)
92738004	1" NPT (25mm)	35371111	3/4" BSP 1/2pt (0.28 Litres)
92178532	3/4" BSP (19mm)	35371129	1" BSP 1pt (0.56 Litres)
92737972	1" BSP(25mm)		

Some air tools are manufactured with an integral oil supply built into the handle. In cases where no such supply exists a lubricator installed within the air line ensures that air tools operate at peak efficiency and reduce costly repair and downtime.

The lubricator should be located as near to the tool as possible but satisfactory lubrication will be provided if installed as far away as 25ft (7.62m). Immediately upon operation of an air tool a fog of oil is automatically injected into the air stream and lubrication of the tool will continue as long as there is oil in the lubricator.

The oil supply, which is adjustable, is easily checked through the pressure proof window, and refilling is made simple by use of a large filler cap. Whenever the cap is removed it automatically vents the reservoir pressure allowing refilling without shutting down the air supply.



ccn	Quantity	Description
46518098	1	Diagnostic tool (QC5100)

NOTE:
• PowerSpec CE reads Cummins engine configuration settings • PowerSpec CE transfers a HotSpec created by the PowerSpec PC application to your Cummins engine • PowerSpec CE reads active and inactive faults • PowerSpec CE clears inactive faults • PowerSpec CE reads and resets vehicle trip data • QuickCheck CE reads electronic engine and vehicle subsystem data • QuickCheck CE reads engine/vehicle operating parameters • QuickCheck CE reads and stores active and inactive faults • QuickCheck CE reads and stores dataplate information • Stored information on the QC5100 handheld computer can be downloaded to a PC with an ActiveSync[®] operation • Operating parameters displayed by QuickCheck CE can be changed using QC Configurator
More information can be found in Service Letter SL 40006-EN

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