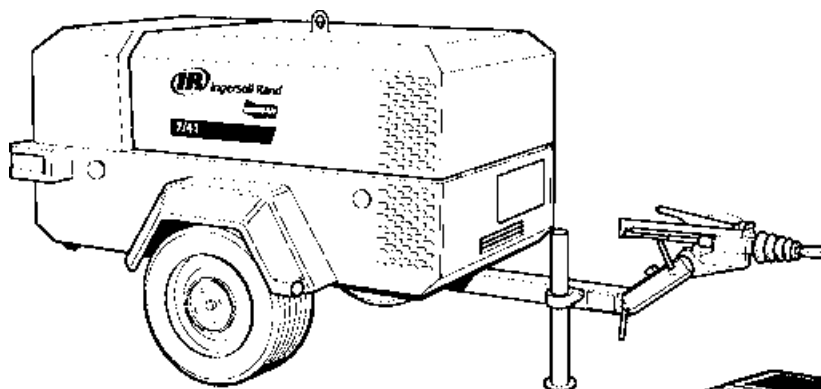




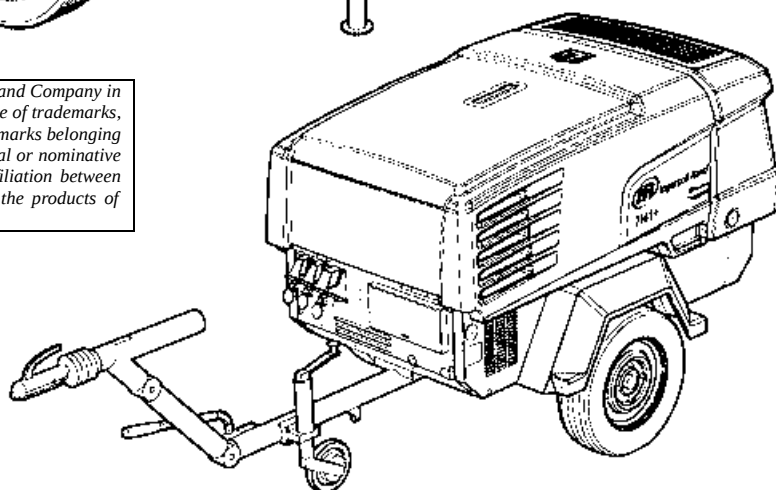
Doosan Infracore
Portable Power



7/41



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cs	KATALOG DÍLŮ	lv	DETAĻU KATALOGS
da	RESERVEDELSKATALOG	mt	KATALGU TAL-PARTIJET
de	ERSATZTEILLISTE	nl	ONDERDELENKATALOGUS
el	ΚΑΤΑΛΟΓΟΣ ΕΞΑΡΤΗΜΑΤΩΝ	no	RESERVEDELSKATALOG
en	PARTS CATALOGUE	pl	KATALOG CZĘŚCI
es	LISTA DE REPUESTOS	pt	LISTA DE PEÇAS
et	OSADE SPETSIFIKATSIOON	sk	KATALÓG DIELOV
fi	VARAOSALUETTELO	sl	KATALOG DELOV
fr	CATALOGUE DE PIÈCES DÉTACHÉES	sv	RESERVEDELSKATALOG
hu	ALKATRÉSZ-KATALÓGUS	ru	КАТАЛОГ ДЕТАЛЕЙ
it	LISTA RICAMBI	zh	零件目录
lt	DALIŲ KATALOGAS		

C.C.N : 46553193
REV : A
DATE : FEBRUARY 2010
Revised (09-12)

7/41 SERIAL No: 421500 ->

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2	Running gear (Variable Height Braked) 750kg	27	Air intake / Engine exhaust system	45	Options – Generator 110V
4	Running gear (Fixed Height Braked) 900kg	28	Oil / Air piping	47	Options – Generator 230V
5	Running gear (Variable Height Braked) 900kg	29	Cooling system	49	Options – Generator 400V/230V
6	Engine / Airend assembly	31	Fuel system	51	Retro fit kits
7	Engine / Airend assembly	31	Regulation system	52	Maintenance kits
8	Engine Parts: 4IRH8N Gasket set Valve cover & cylinder head Cylinder block Flywheel housing & oil pan Camshaft and drive gear Crankshaft & piston Gear housing Inlet manifold Exhaust manifold Cooling water system Fuel injection pump Fuel filter Lube oil system Electrical components	32	Instrumentation / Electrics	53	Fluids
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ABBREVIATIONS & SYMBOLS

->####	Up to Serial No.	cs	Czech	lv	Latvian, Lettish
####->	From Serial No.	da	Danish	mt	Maltese
####	Contact the company for Serial Number	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.

Company service facilities and parts are available worldwide. There are company branch offices and authorised distributors located in the principle cities of the United States and Canada. There are also company subsidiaries and authorised distributors located in 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.

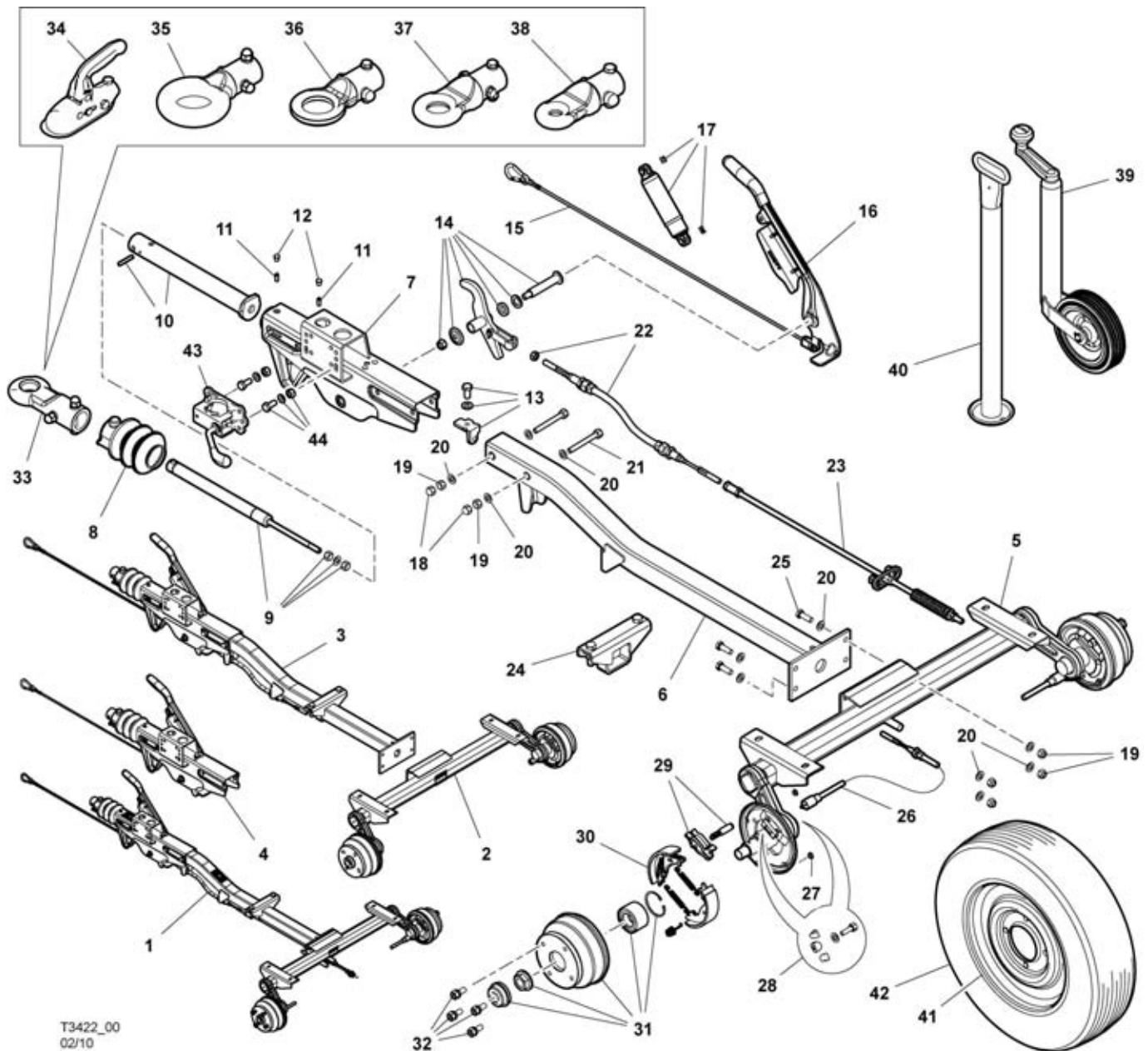
How to use this parts manual

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

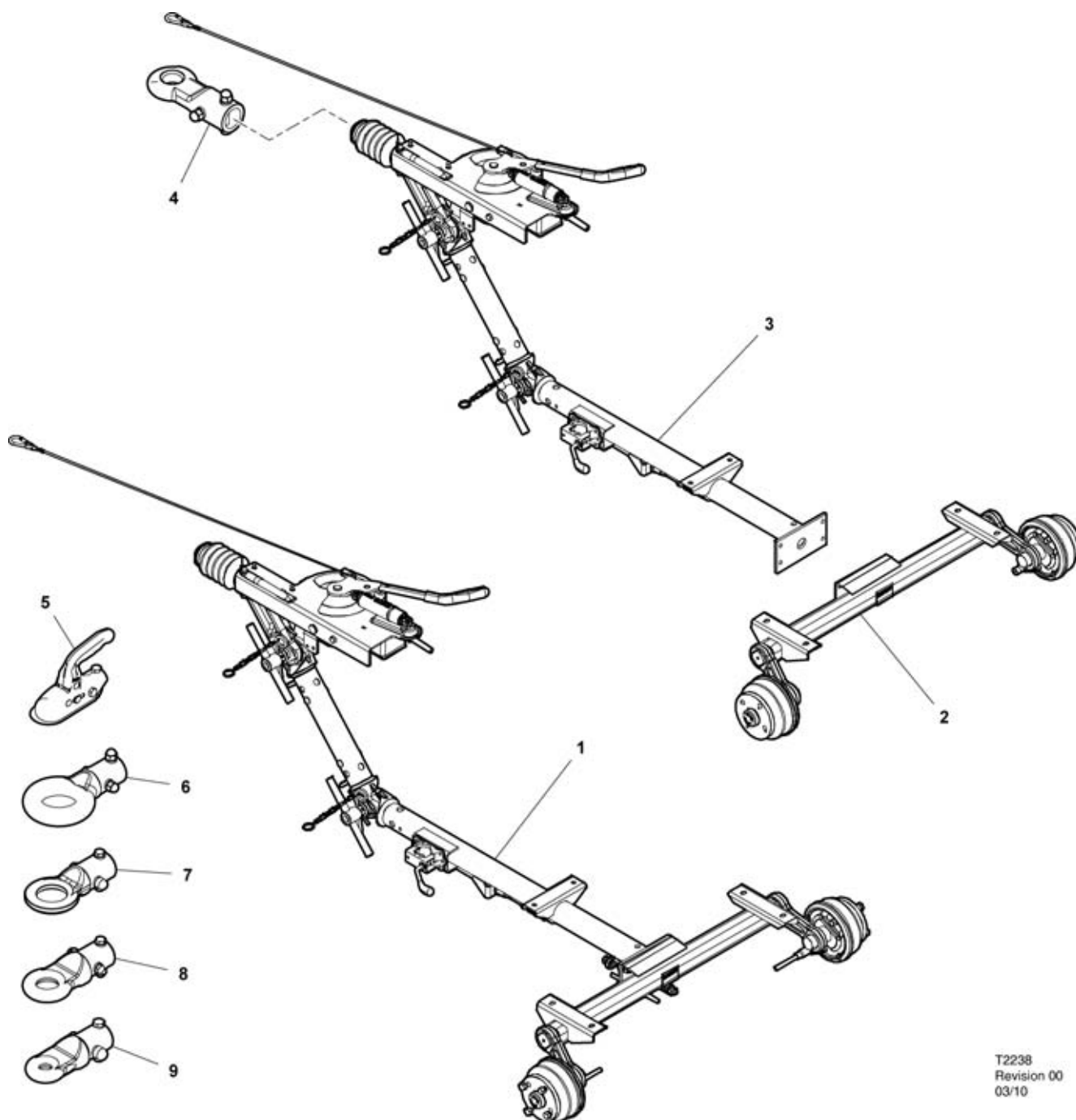
In order that all avoidable errors be eliminated when ordering parts, please specify the following:

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.



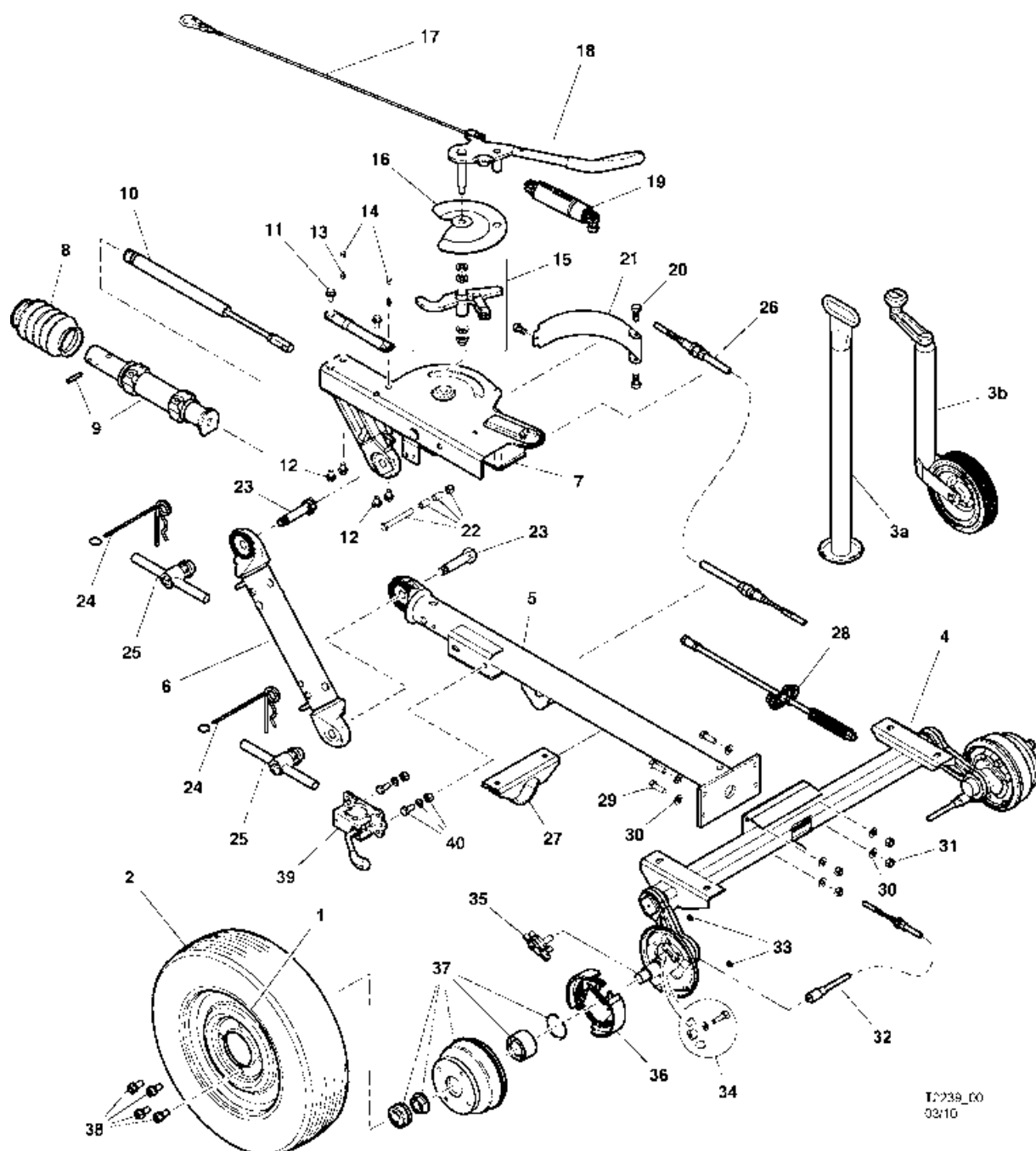
T3422_00
02/10

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46552229	1	Running gear complete 750kg	17	46550582	1	Spring complete	34	92714211	1	Coupling head complete KK14 – B N2 Ø45
2	46552243	1	Axle braked 750kg	18	22391841	2	Nut	35	54774542	1	Draw-eye complete NATO 76,2 Ø45
3	46552244	1	Drawbar tube assembly	19	22051494	6	Nut	36	54774534	1	Draw-eye complete FR 68x25 Ø45
4	46550593	1	Head assembly	20	22251342	12	Washer	37	54774518	1	Draw-eye complete BS50 Ø45
5	46550592	1	Axle tube assembly	21	46550581	2	Bolt	38	54774492	1	Draw-eye complete BS30 Ø45
6	46550591	1	Drawbar tube	22	46550580	1	Cable	39	22053755	1	Prop stand
7	46550590	1	Head	23	46550579	1	Cable	40	22053763	1	Jockey wheel assembly
8	46550589	1	Cover kit	24	46550578	1	Clamping jig complete	41-42	54737408	2	Wheel and tyre assembly
9	46550588	1	Damper kit	25	22104806	4	Bolt	41	22066971	2	Wheel
10	46550587	1	Kit, piston rod complete	26	22051288	1	Cable	42	22066989	2	Tyre
11	46550586	2	Grease nipple	27	22051247	4	Cover	43	22067003	1	Clamp, jockey wheel
12	22241426	2	Cover	28	80029234	2	Adjuster wedge kit	44	80029069	2	Connecting kit
13	46550585	1	Bracket, damper	29	46550577	2	Kit, expanding key complete				
14	46550584	1	Conversion lever kit	30	46550614	2	Brake shoe pack				
15	46517702	1	Cable	31	46550575	2	Brake hub complete				
16	46550583	1	Lever handbrake complete	32	22312441	8	Wheel bolt				
				33	54774500	1	Draw-eye complete DIN40 Ø45				



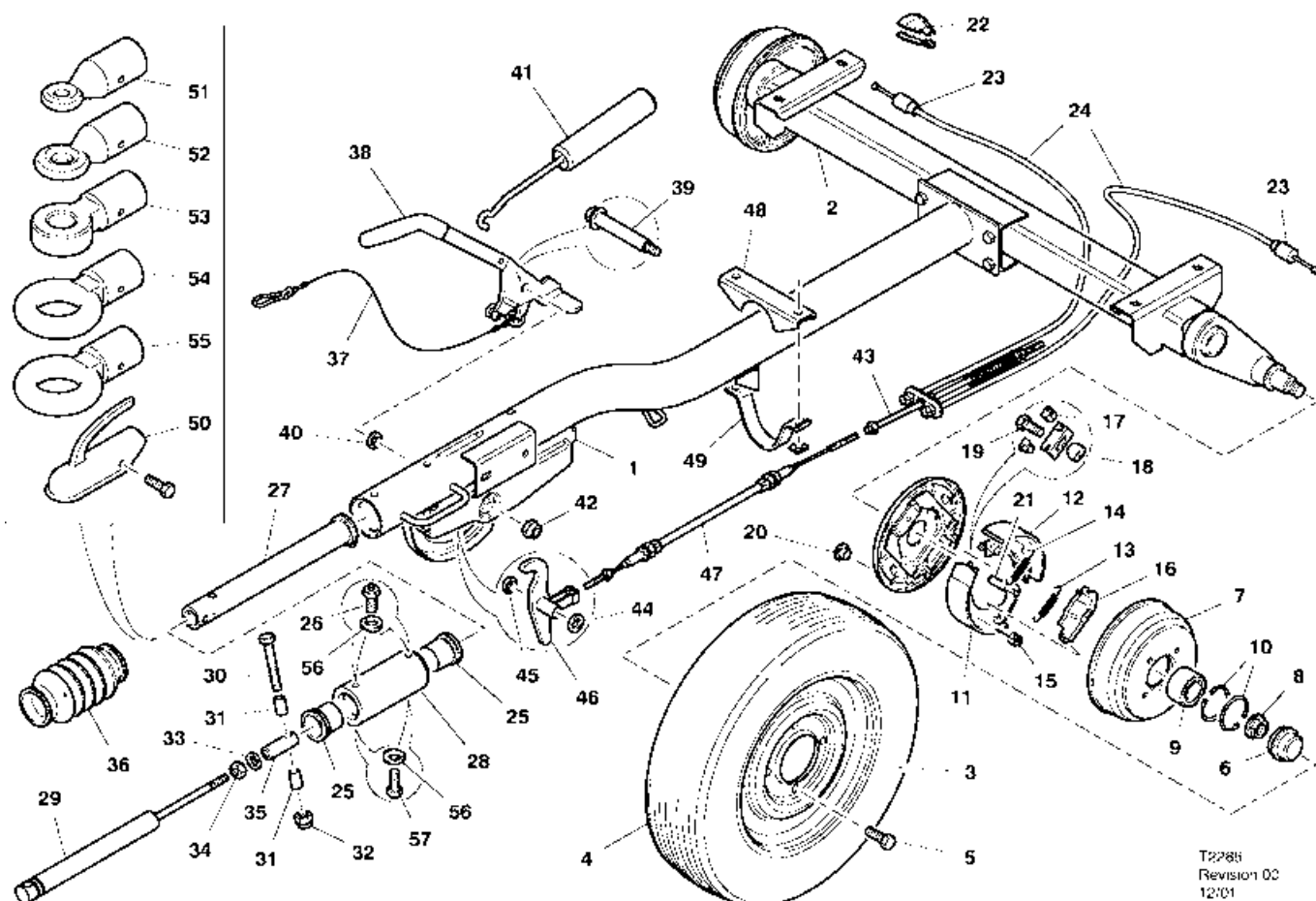
T2238
Revision 00
03/10

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46553218	1	Running gear complete	4	54774500	1	Draw-eye complete DIN40 Ø45	7	54774534	1	Draw-eye complete FR 68x25 Ø45
2	46552243	1	Axle braked	5	92714211	1	Coupling head complete KK14 - B N2 Ø45	8	54774518	1	Draw-eye complete BS50 Ø45
3	46553239	1	Drawbar tube assembly	6	54774542	1	Draw-eye complete NATO 76,2 Ø45	9	54774492	1	Draw-eye complete BS30 Ø45



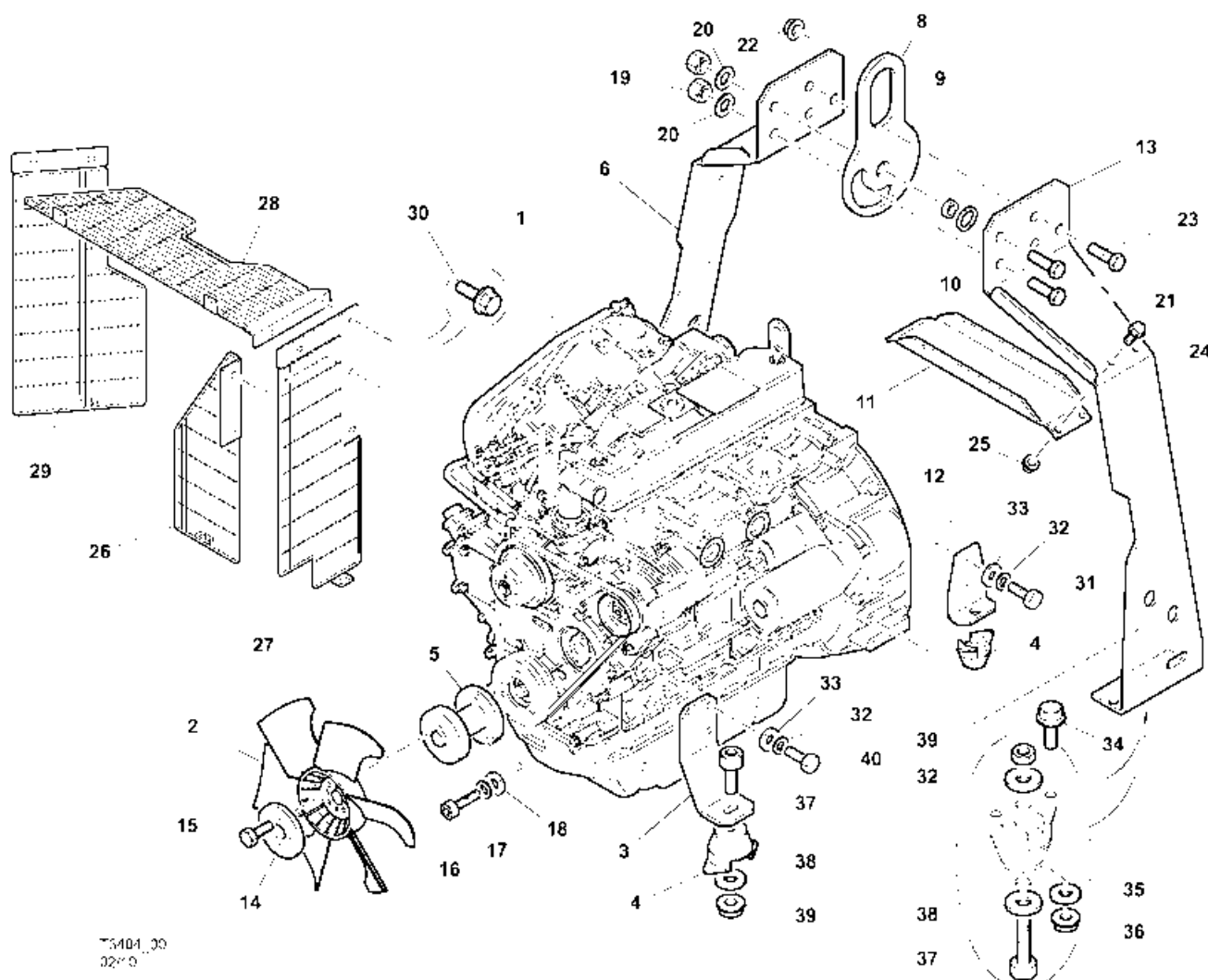
T2739_00
03/10

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-2	54737408	2	Wheel and tyre assembly	13	22241095	2	Nipple	28	46550624	1	Brake rod complete
1	22066971	2	Wheel	14	22241426	2	Cover	29	22104806	4	Bolt
2	22066989	2	Tyre	15	46550629	1	Conversion lever kit	30	22051650	8	Washer
3a	22053755	1	Prop stand	16	46550628	1	Cover	31	22051494	4	Nut
3b	22053763	1	Jockey wheel assembly	17	22051841	1	Cable	32	22051288	2	Cable
4	46550592	1	Axle tube complete	18	46550627	1	Lever, handbrake	33	22051247	4	Cover
5	46550632	1	Drawbar tube	19	46550551	1	Spring	34	80029234	2	Adjuster wedge kit
6	46518049	1	Link arm	20	22241533	3	Screw	35	46550577	2	Kit, expanding key complete
7	46550631	1	Housing	21	22241046	1	Cover	36	46550614	2	Brake shoe pack
8	22051510	1	Cover kit	22	46550626	1	Connecting kit	37	46550575	2	Brake hub complete
9	46550630	1	Kit, piston rod complete	23	22051700	2	Bolt M20 x 1,5 x 105	38	22312441	8	Bolt
10	80029176	1	Damper kit	24	22051759	2	Clip, retaining	39	22067003	1	Clamp, jockey wheel
11	22241350	2	Screw	25	22051692	2	Clamp	40	80029069	2	Connecting kit
12	22241343	4	Screw	26	46550625	1	Cable				
				27	80029093	1	Clamping jig complete				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22066807	1	Drawbar	23	22051270	2	Sleeve	45	22051882	1	Washer
	22645774	1	Drawbar ####	24	22051288	2	Cable	46	22051858	1	Lever
2	22066815	1	Axle tube assembly	25	22051536	2	Guide	47	22099444	1	Cable ->####
3	22066971	2	Wheel	26	22051403	2	Nipple	48	22066773	1	Pad
4	22066989	2	Tyre	27	22051411	1	Slider	49	22051908	1	Clamp
5	22051080	8	Bolt	28	22051395	1	Tube	50	22112908	1	Ball hitch
6	22051098	2	Cap	29	22105035	1	Damper	51	54774492	1	Eye Ø 28mm
7	22051106	2	Drum	30	22051569	1	Bolt	52	54774500	1	Eye Ø 40mm
8	22051114	2	Nut	31	22051551	2	Bush	53	54774518	1	Eye Ø 50mm
9	22051122	2	Bearing	32	22051494	1	Locknut	54	54774534	1	Eye Ø 68mm
10	22051130	4	Circlip	33	22051585	1	Ring	55	54774542	1	Eye Ø 76mm
11	22051155	2	Shoe (front)	34	22051577	1	Locknut	56	22051460	4	Washer
12	22051163	2	Shoe (rear)	35	22051544	1	Joint	57	22051676	2	Bolt
13	22051171	2	Spring (lower)	36	22051510	1	Cover	*58	92762962	1	Prop stand
14	22051189	2	Spring (upper)	37	22051841	1	Cable	*59	22053763	1	Jockey Wheel Assembly
15	22051197	2	Spring	38	22051833	1	Lever, handbrake	*60	54737374	1	Running gear assembly (complete)
16	22051205	2	Lever	39	22051866	1	Bolt				
17	22051213	4	Key	40	22051643	1	Washer				
18	22051221	2	Taper	41	22051619	1	Spring				
19	22051239	2	Screw	42	22051494	1	Locknut				
20	22051247	2	Cover	43	22099451	1	Compensator				
21	22051262	2	Attachment		22645782	1	Compensator ####				
22	22051254	2	Cover	44	22051874	1	Washer				

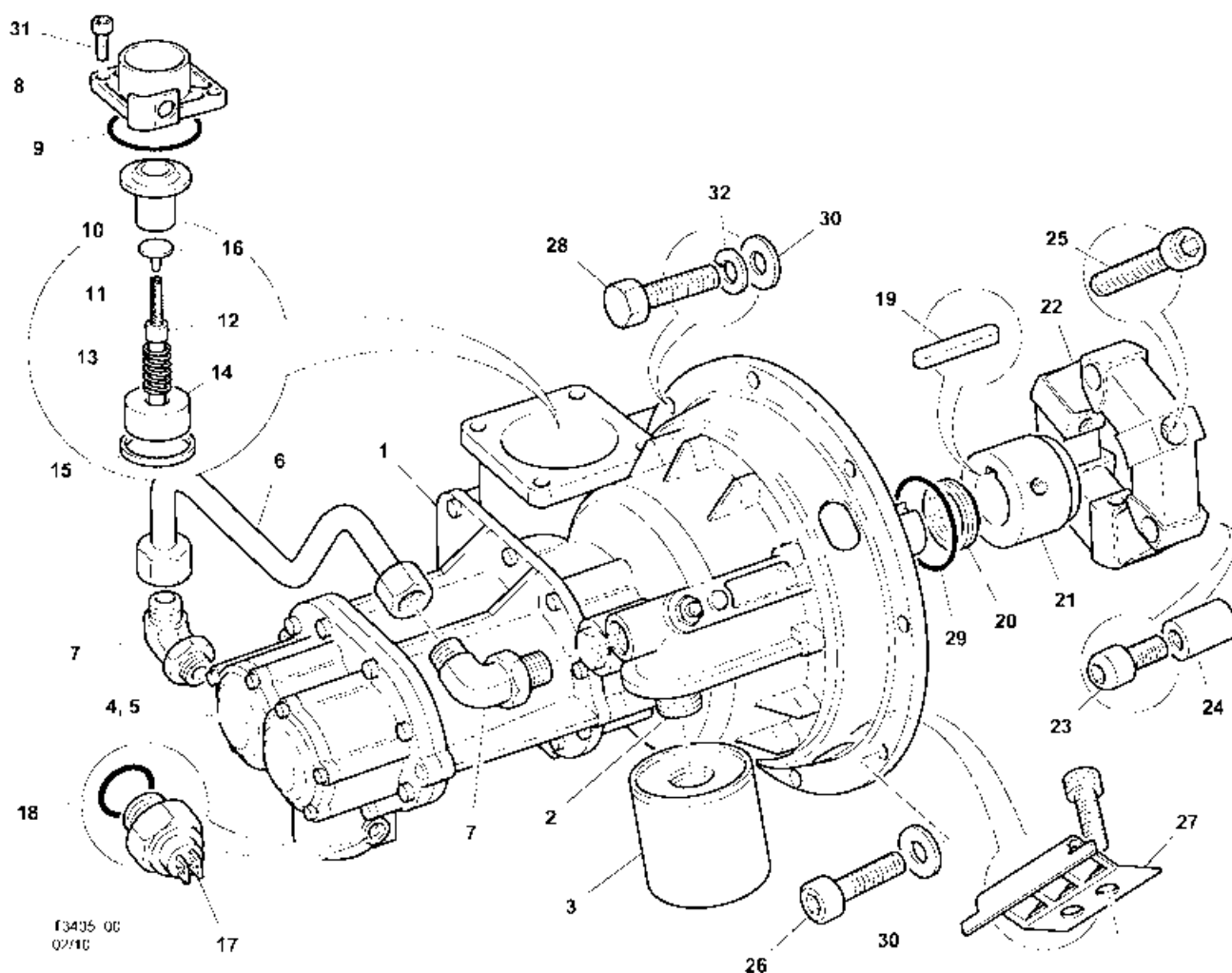
* Not illustrated



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22208821	1	Engine, 4IRH8N	22	92398643	1	Nut
2	22222798	1	Fan	23	92398635	1	Screw
3	22204705	2	Bracket	24	92398130	4	Screw
4	36875565	4	Mount	25	92398114	4	Nut
5	22163497	1	Spacer	26	22384499	1	Guard, RH
6	22180996	1	Leg, LH	27	22384481	1	Guard, RH
7	—			28	22384465	1	Guard, top
8	54506027	1	Eye	29	22384473	1	Guard, LH
9	54506035	1	Spacer	30	92184811	6	Screw
10	54592126	1	Washer, Spring	31	92280981	4	Screw
11	22169502	1	Support	32	92304674	10	Lockwasher
12	22166466	2	Bracket	33	95935037	10	Washer
13	22180988	1	Leg, RH	34	90141078	8	Screw
14	22217301	1	Support plate	35	95934998	8	Washer
15	92398122	4	Screw	36	92304559	8	Nut
16	96702287	3	Screw	37	96716782	4	Screw
17	92304674	3	Lockwasher	38	92058429	4	Plate
18	92061498	3	Washer	39	92304567	4	Nut
19	92975689	2	Nut	40	96702287	6	Screw
20	92757632	2	Washer	*41	54757935	1	Switch, oil pressure
21	92398239	2	Screw	*42	15898059	1	Switch, temperature

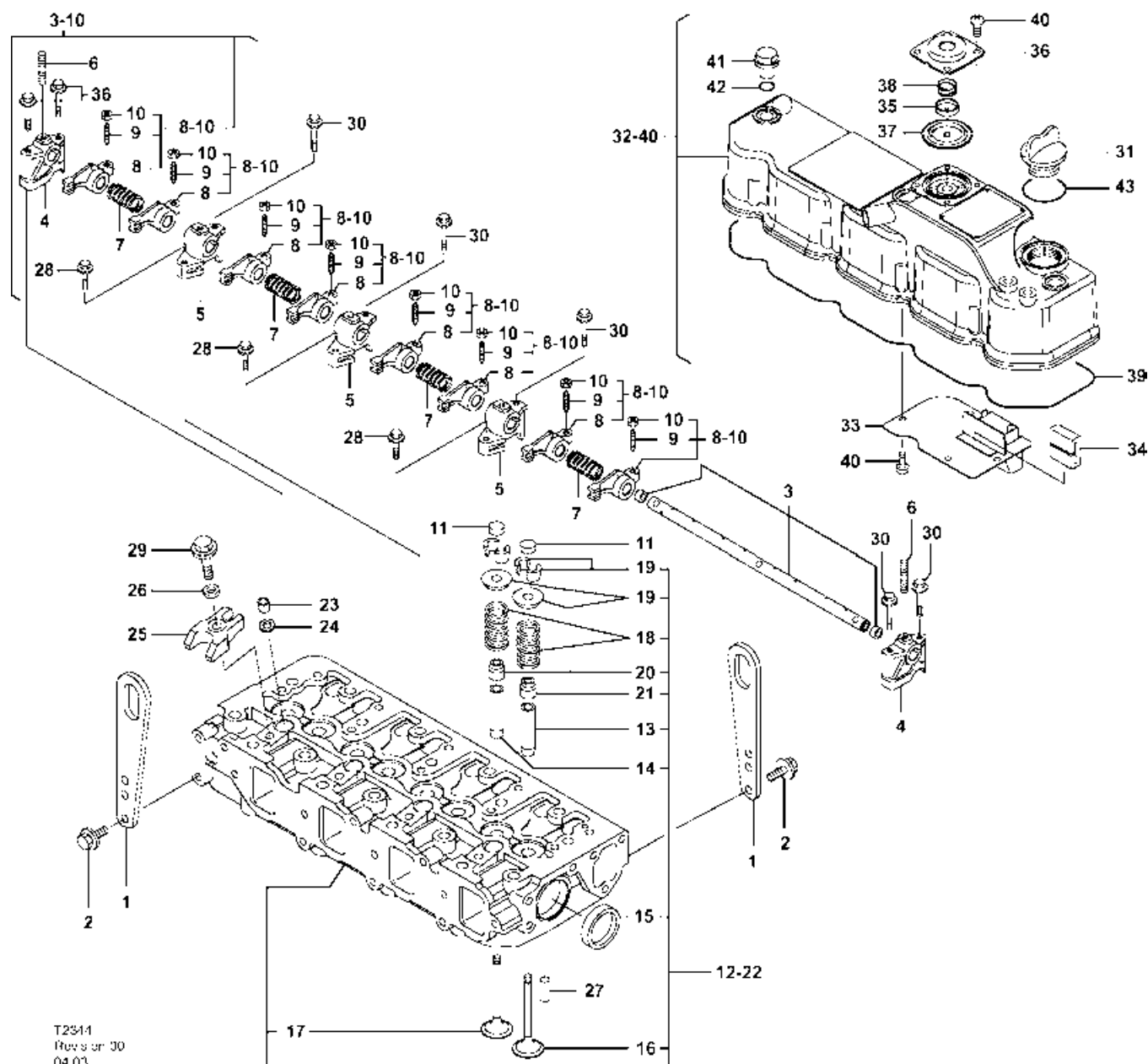
* Not illustrated

7 ENGINE/AIREND ASSEMBLY

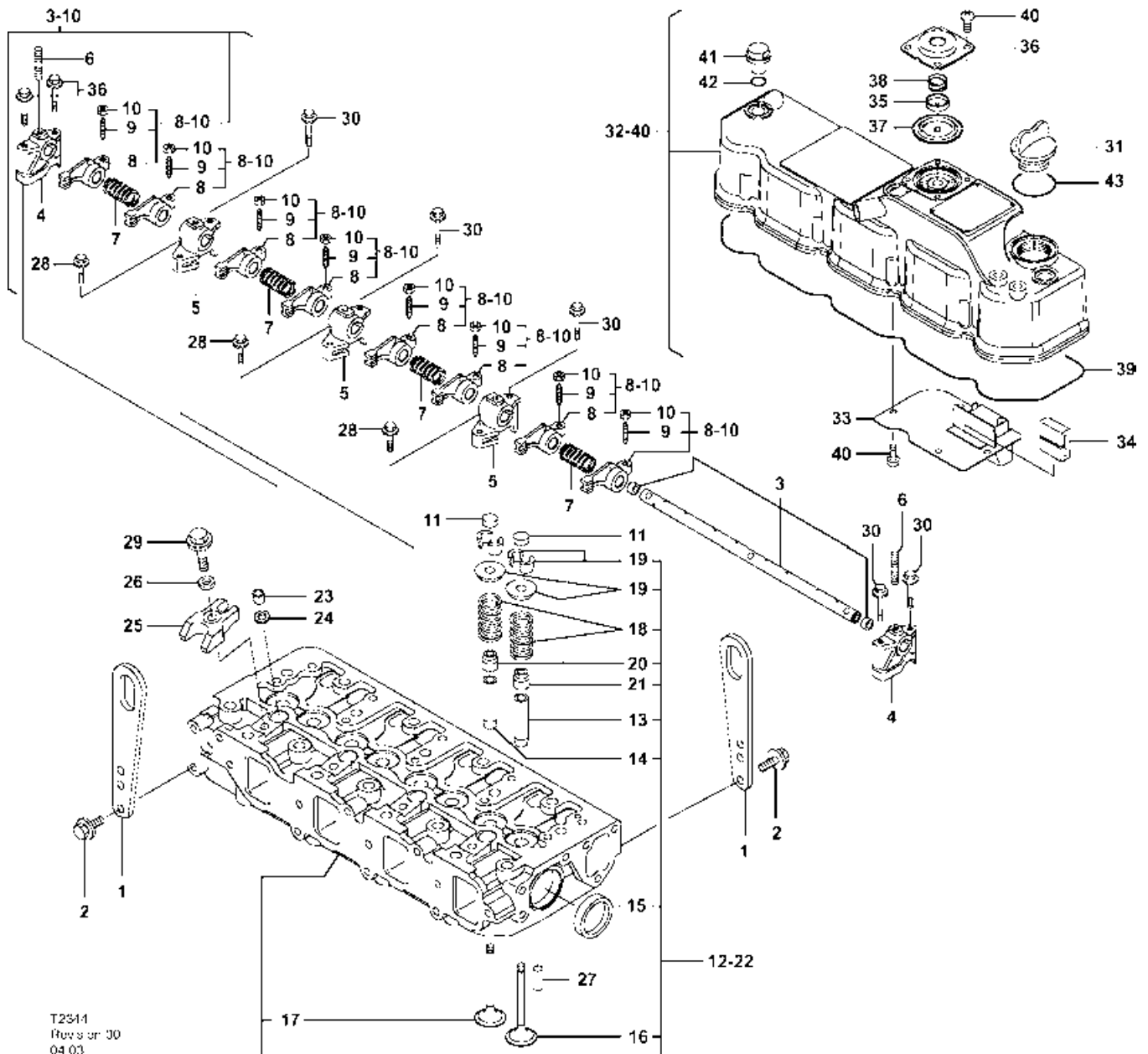


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	42476093	1	Airend	19	92960756	1	Key
2	35372986	1	Nipple	20	35375369	2	Lipseal, driveshaft
3	36897353	1	Element, oil filter	21-24	22181200	1	Coupling assembly
4	36506442	1	Cover	21	22181333	1	Hub
5	95023115	1	'O' Ring	22	92118504	1	Element
6	36764553	1	Tube assembly	23	54602057	3	Pin, locating
7	35286491	2	Elbow	24	54602065	3	Stud
8	36508471	1	Cover	25	92118520	3	Screw
9	95023107	1	'O' Ring	26	96716774	9	Screw
10	35611623	1	Valve	27	36791416	3	Cover
11	35376342	1	Spring	28	96702287	1	Screw
12	35611557	1	Stem	29	95022331	1	'O' Ring
13	35376334	1	Spring	30	95935037	10	Washer
14	35611615	1	Piston	31	96708144	4	Capscrew
15	35376359	1	Seal	32	92304674	1	Washer
16	35379817	1	Clip, retaining	*33	36783736	1	Gear set, 3.33
17	35596436	1	Switch, temperature				
18	39404165	1	'O' Ring				* Not illustrated

9 VALVE COVER & CYLINDER HEAD

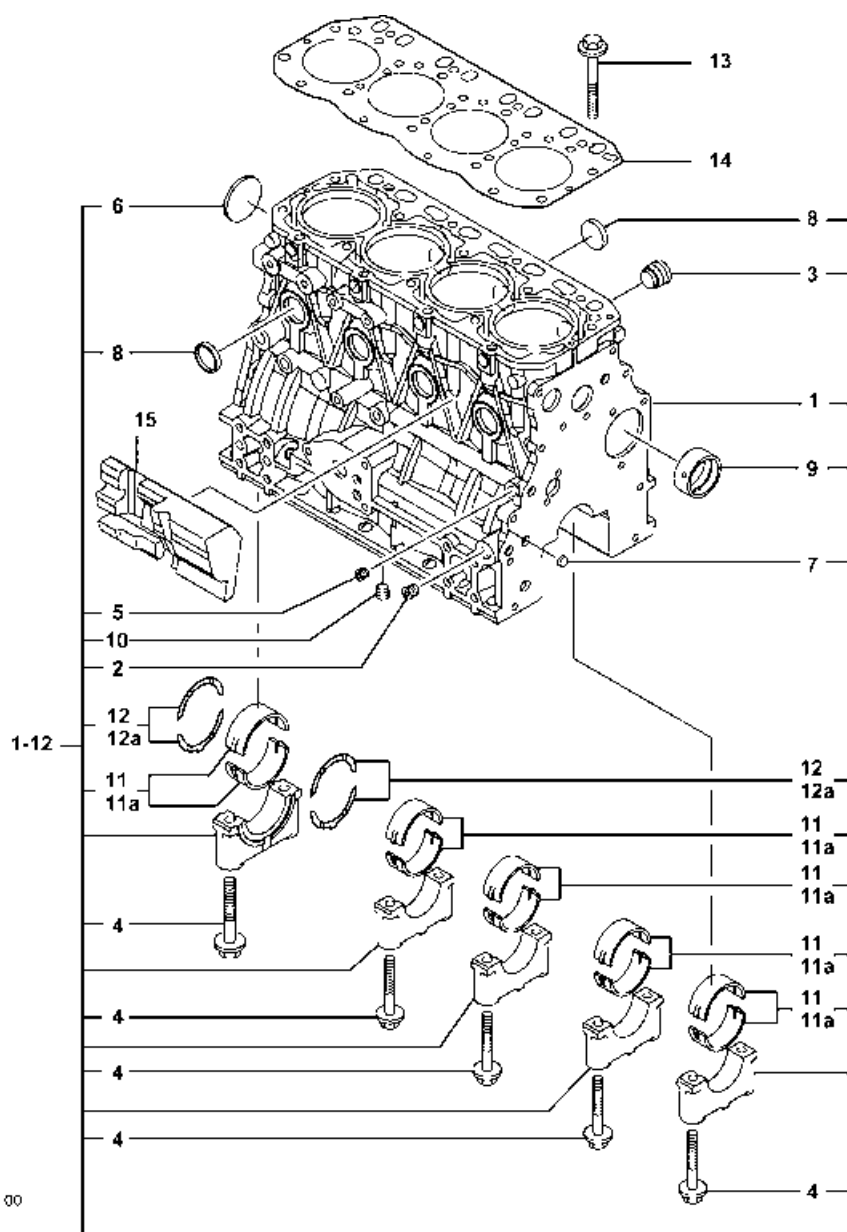


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15898802	2	Eye, lifting	14	15899933	4	Guide
2	15899057	4	Bolt	15	15899248	2	Plug
3-10	15895238	1	Rocker shaft assembly	16	15899529	4	Valve, intake
3	15895246	1	Rocker shaft	17	15899792	4	Valve, exhaust
4	15897333	2	Support, rocker arm	18	15895014	8	Spring
5	15897341	3	Support, rocker arm	19	15895022	8	Retainer
6	15895253	3	Stud	20	15899396	4	Seal
7	15898455	3	Spring	21	15899453	4	Seal
8-10	15899578	8	Rocker arm assembly	22	15895121	8	Collet
8	NSS	8	Rocker arm	23	15897416	4	Protector
9	15898448	8	Screw	24	15897168	4	Seat
10	15898463	8	Nut	25	15899594	4	Retainer
11	15899925	8	Cap	26	15898075	4	Washer
12-22	15895261	1	Cylinder head assembly	27	15898893	2	Pin
12	NSS	1	Cylinder head	28	15899081	3	Bolt
13	15899388	4	Guide	29	15899107	4	Bolt

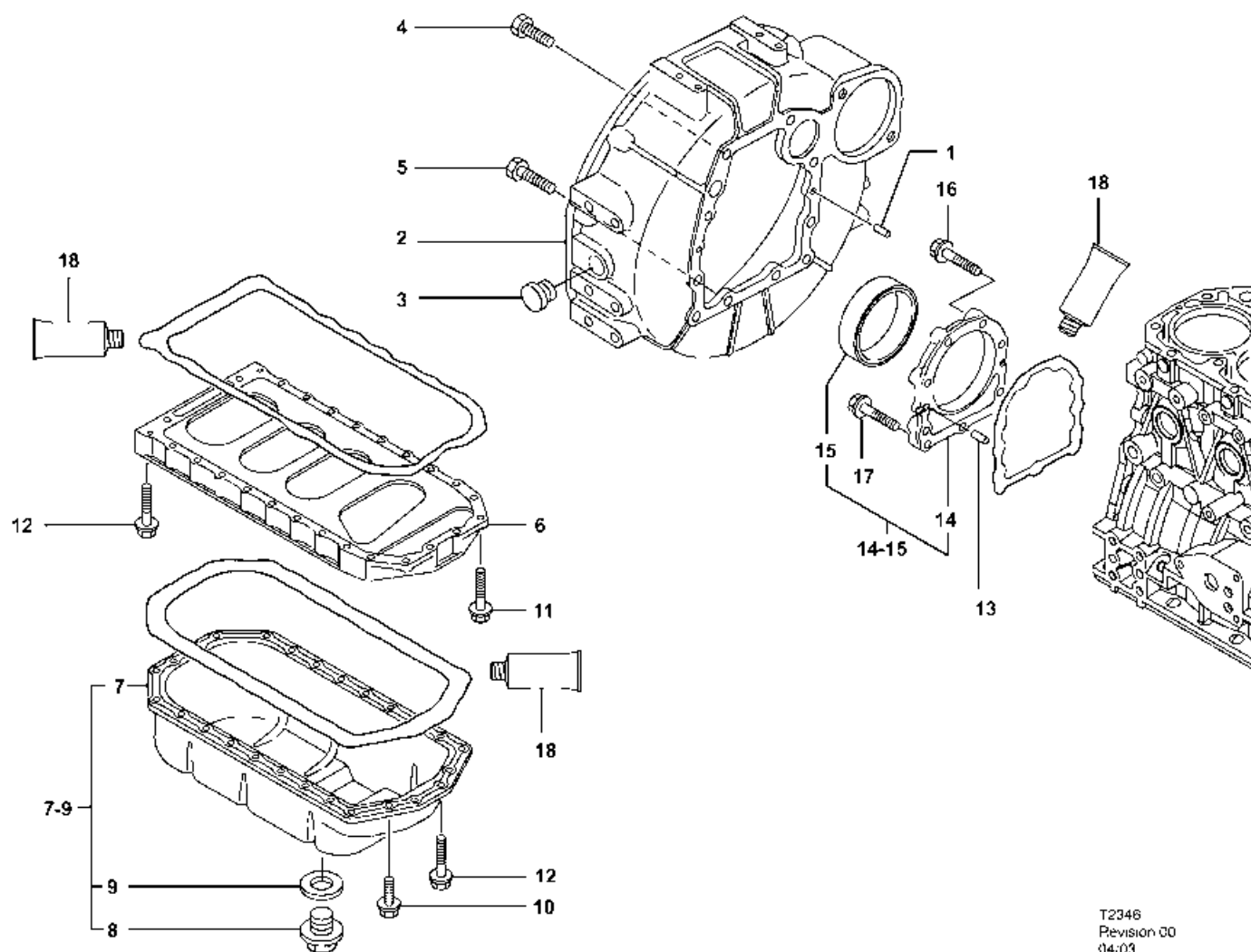


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
30	15899131	7	Bolt	37	15897275	1	Diaphragm
31	15898182	1	Cap, filler	38	15897283	1	Spring
32-40	15894918	1	Cover assembly	39	15895279	1	Gasket
32	NSS	1	Cover	40	15898919	8	Screw
33	15899503	1	Baffle	41	15898216	3	Knob
34	15898430	1	Breather	42	15898968	3	'O' Ring
35	15897259	1	Plate	43	15898984	1	'O' Ring
36	15897267	1	Cover				

11 CYLINDER BLOCK

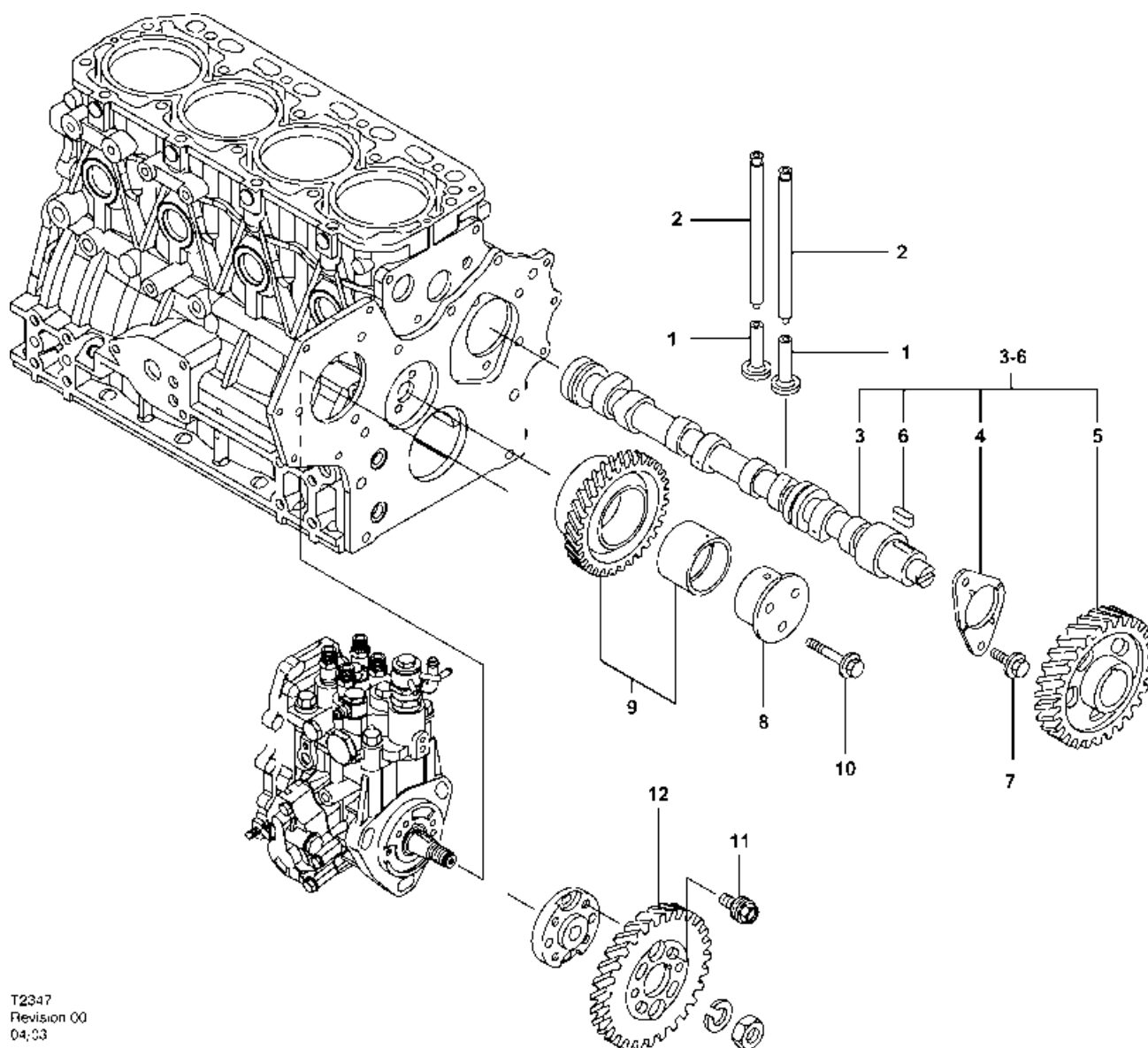


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-12	15895204	1	Cylinder block assembly	10	15898190	1	Plug
1	NSS	1	Cylinder block	11	15899479	5	Main bearing assembly
2	15898190	2	Plug	11a	15899891	5	Main bearing assembly 0.25 US
3	15895030	1	Plug	12	15899909	2	Thrust bearing
4	15899883	10	Bolt	12a	15899917	2	Thrust bearing 0.25 OS
5	15898141	1	Plug	13	15899875	18	Bolt
6	15898299	1	Plug	14	15895196	1	Gasket
7	15899222	2	Plug	15	15899495	1	Spacer
8	15899230	8	Plug				
9	15898778	1	Bush				



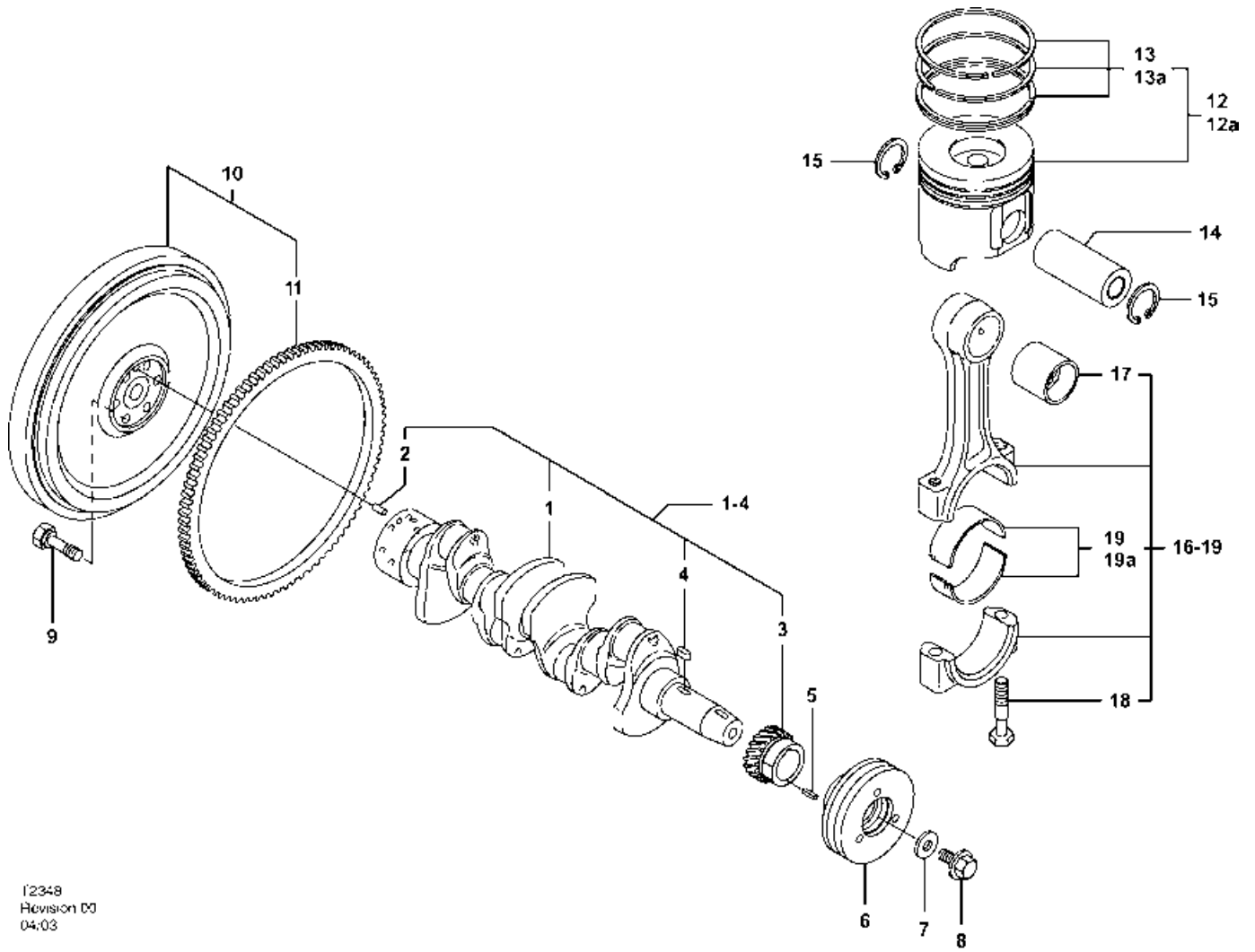
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15898364	2	Pin	10	15899065	4	Bolt
2	15895063	1	Housing, Flywheel	11	15899081	2	Bolt
3	15899362	1	Cap, Flywheel Cover	12	15899123	20	Bolt
4	15899180	6	Bolt	13	15898364	2	Pin
5	15895113	4	Bolt	14-15	15898372	1	Case assembly
6	15895212	1	Spacer	14	NSS	1	Case
7-9	15895220	1	Oil pan assembly	15	15898737	1	Oil seal
7	NSS	1	Oil pan	16	15898661	6	Bolt
8	15897184	1	Plug	17	15899107	3	Bolt
9	15898877	1	Washer	18	15899354	1	Gasket, liquid

13 CAMSHAFT & DRIVE GEAR



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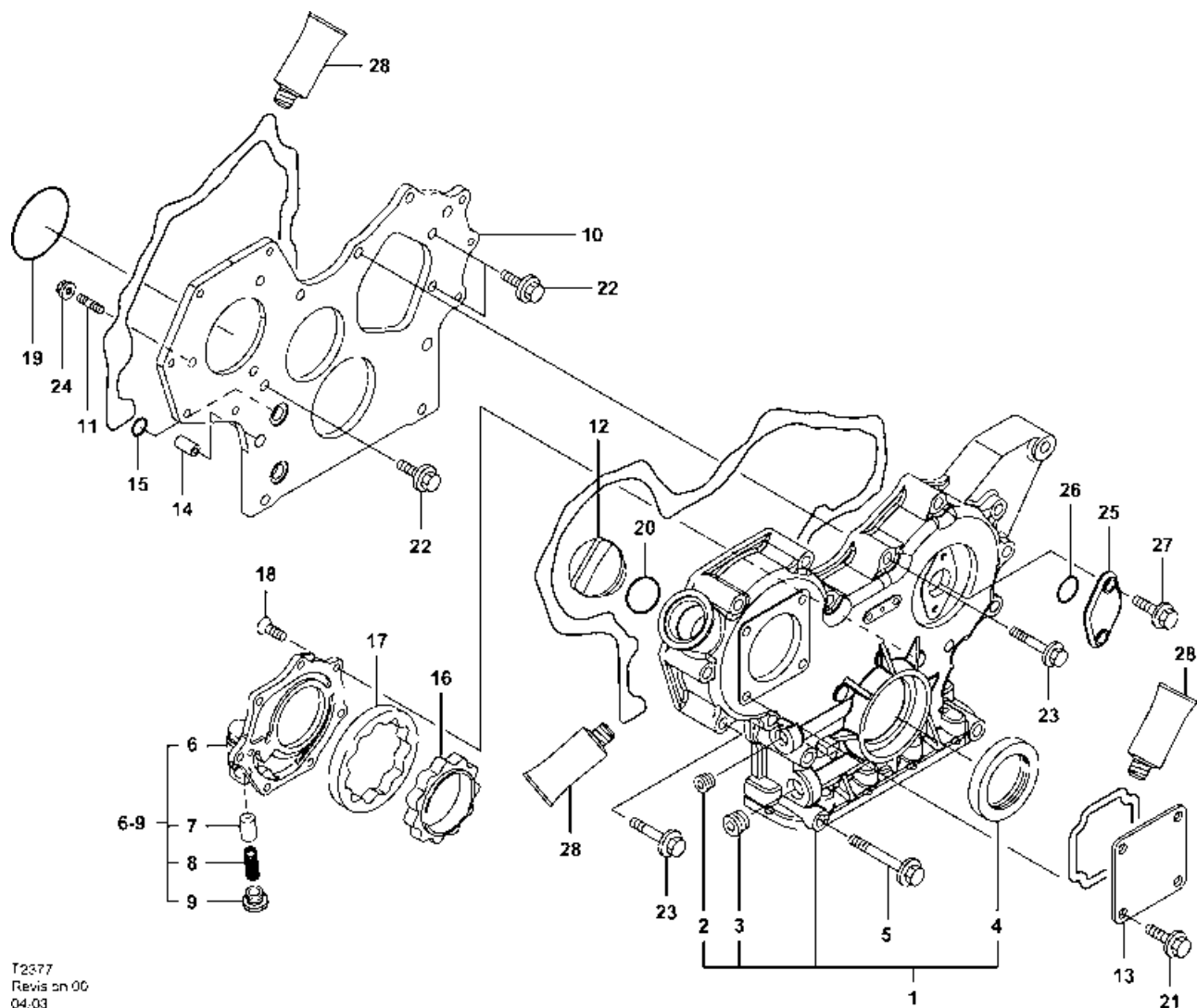
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15898489	8	Tappet	7	15899057	2	Bolt
2	15899958	8	Pushrod	8	15897531	1	Shaft
3-6	15895337	1	Camshaft assembly	9	15897549	1	Gear
3	NSS	1	Camshaft	10	15899115	3	Bolt
4	15898422	1	Washer	11	15898497	4	Bolt
5	15898471	1	Gear	12	15897556	1	Gear
6	15898901	1	Key				



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04/03

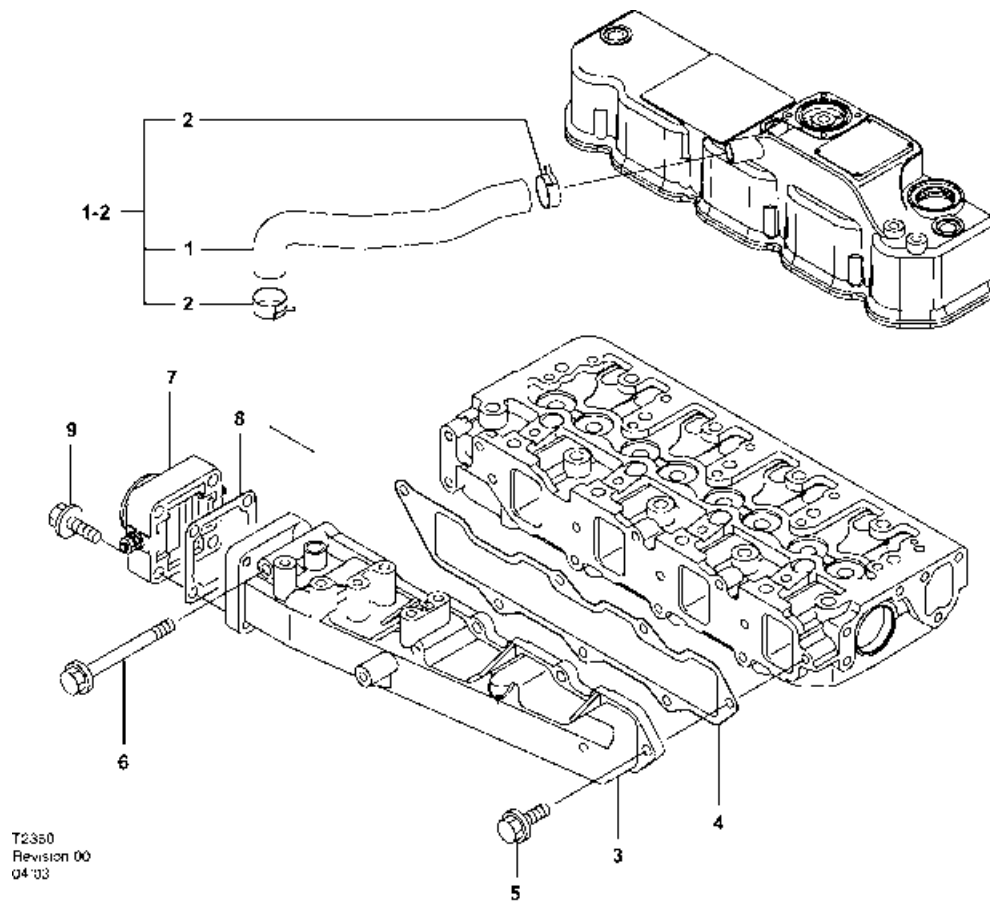
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-4	15895345	1	Crankshaft assembly	12a	15899750	4	Piston c/w rings OS 0.25
1	NSS	1	Crankshaft	13	15899743	4	Ring set
2	15898364	1	Pin	13a	15899768	4	Ring set OS 0.25
3	15897481	1	Gear	14	15894983	4	Pin
4	15898901	1	Key	15	15895071	8	Circlip
5	15898885	1	Pin	16-19	15895170	4	Connecting rod assembly
6	15897507	1	Pulley	16	NSS	4	Connecting rod
7	15898786	1	Washer	17	15899800	4	Bush
8	15898125	1	Bolt	18	15899404	8	Bolt
9	15898091	6	Bolt	19	15894967	4	Bearing
10	15895352	1	Flywheel assembly	19a	15894975	4	Bearing US 0.25
11	15898257	1	Gear				
12	15899735	4	Piston c/w rings				

15 GEAR HOUSING



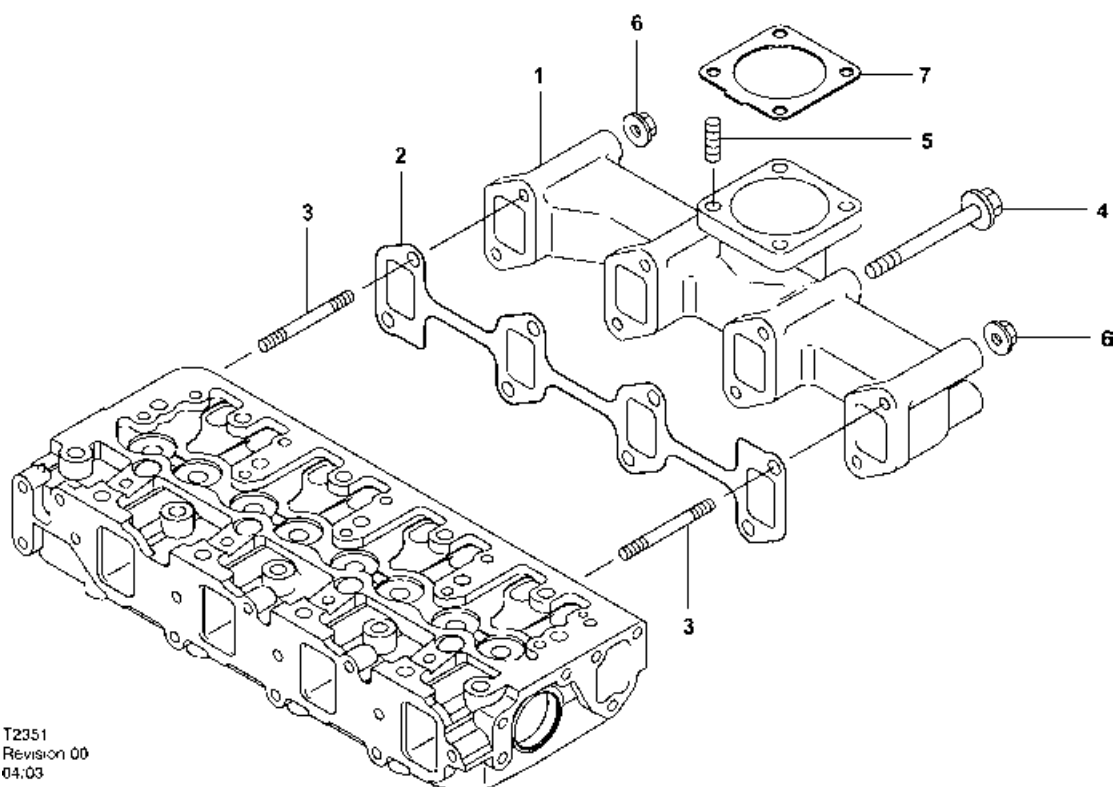
T2377
Revision 00
04.03

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-5	15899263	1	Gear housing assembly	14	15898760	2	Pipe
1	NSS	1	Gear housing	15	15897119	4	'O' Ring
2	15898943	1	Plug	16	15897580	1	Rotor, inner
3	15898950	1	Plug	17	15894892	1	Rotor, outer
4	15898745	1	Oil seal	18	15897598	7	Screw
5	15898323	3	Bolt	19	15898133	1	'O' Ring
6-9	15897572	1	Cover assembly	20	15898984	1	'O' Ring
6	15897564	1	Cover	21	15899065	4	Bolt
7	15898810	1	Valve, relief	22	15899065	3	Bolt
8	15898646	1	Spring	23	15899149	12	Bolt
9	N.S.S.	1	Plug	24	15899198	3	Nut
10	15897218	1	Flange	25	15898083	1	Cover
11	15897226	3	Stud	26	15898992	1	'O' Ring
12	15898182	1	Cap, filler	27	15899024	2	Bolt
13	15898232	1	Cover	28	15899354	1	Gasket, liquid

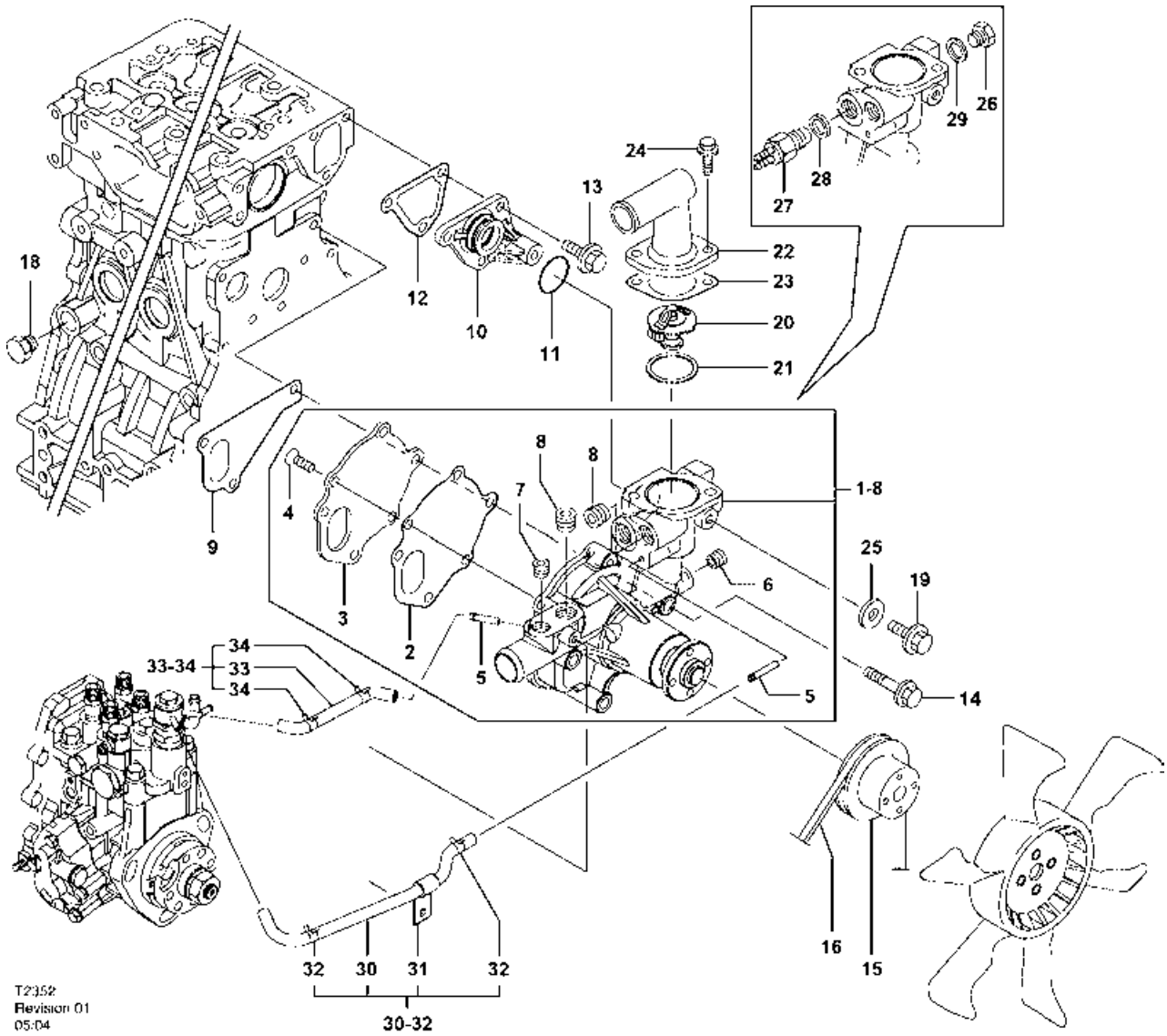


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-2	15895287	1	Breather Pipe Assy	5	15899073	6	Bolt
1	NSS	1	Breather Pipe	6	15899156	1	Bolt
2	15898638	2	Clamp	7	15899842	1	Heater, Air
3	15895295	1	Intake Manifold	8	15898562	1	Gasket, Air Heater
4	15896186	1	Gasket, Intake Manifold	9	15899107	4	Bolt

17 EXHAUST MANIFOLD



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15895303	1	Manifold, Exhaust	5	15897069	4	Bolt
2	15895311	1	Gasket, Exhaust Manifold	6	15899198	2	Nut
3	15899420	2	Stud	7	15895329	1	Gasket, Exhaust
4	15899438	6	Bolt				



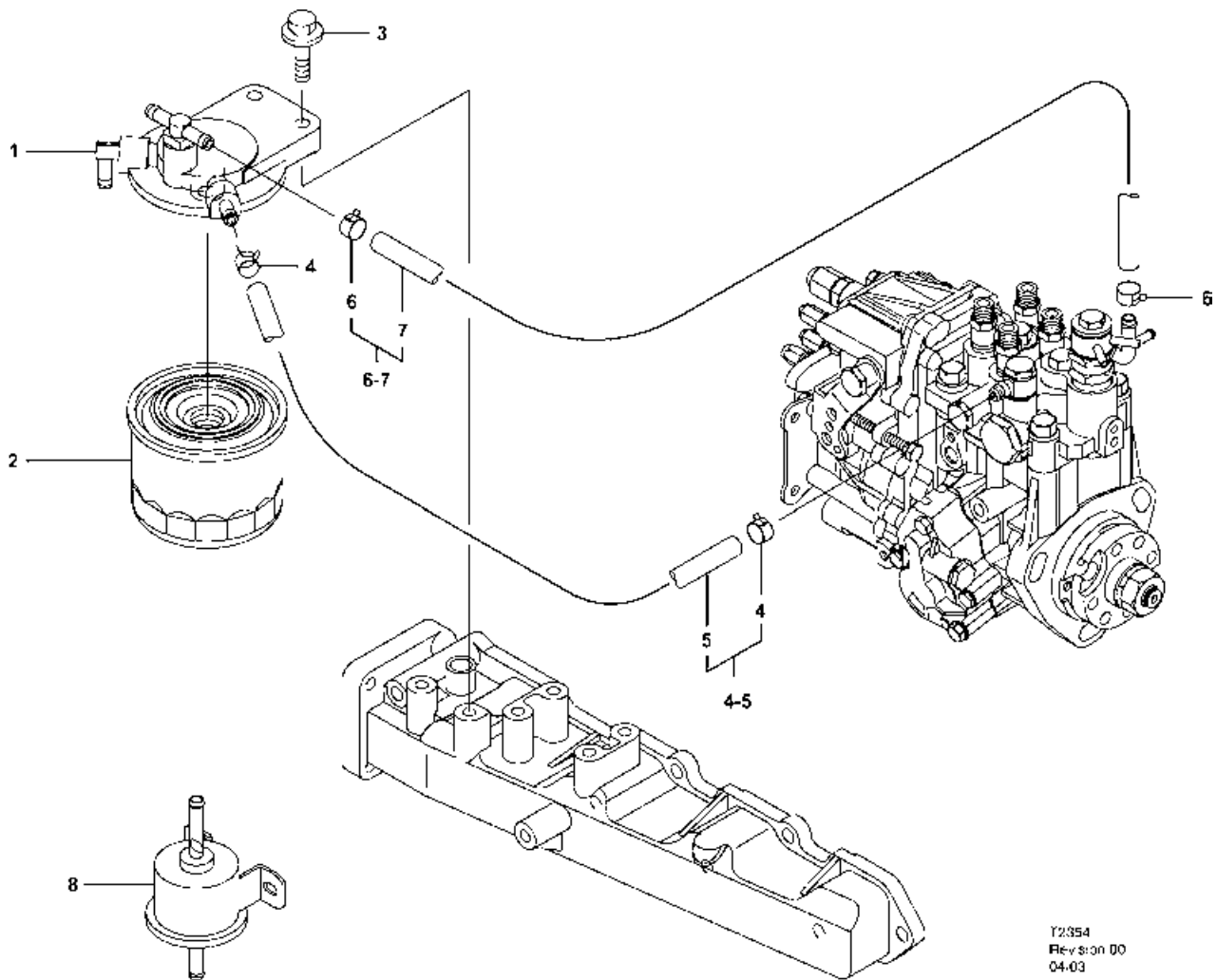
T2352
Revision 01
05/04

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-8	15899644	1	Water Pump Assy	19	15899040	1	Bolt
1	NSS	1	Water Pump	20	15898570	1	Thermostat
2	15899826	1	Gasket	21	15898539	1	Gasket
3	15899834	1	Plate	22	15898174	1	Cover, Thermostat
4	15899412	3	Screw	23	15898794	1	Gasket
5	15899370	2	Pipe	24	15899073	2	Bolt
6	15895089	1	Plug	25	15898927	1	Gasket
7	15895097	1	Plug	26	15898109	1	Plug
8	15898943	2	Plug	27	15898059	1	Switch, Temperature
9	15894991	1	Gasket	28	15898240	1	Gasket
10	15899651	1	Joint	29	15898240	1	Gasket
11	15895006	1	O-Ring	30-32	15899669	1	Pipe Assy
12	15899446	1	Gasket	30	15899685	1	Pipe Assy
13	15899065	3	Bolt	31	15897705	1	Clamp
14	15895105	3	Bolt	32	15898265	2	Clamp
15	15898711	1	V-Pulley	33-34	15899677	1	Pipe Assy
16	15899008	1	V-Belt	33	15899693	1	Pipe Water
17	-	-	-	34	15898265	2	Clamp
18	15898836	1	Plug, Drain				

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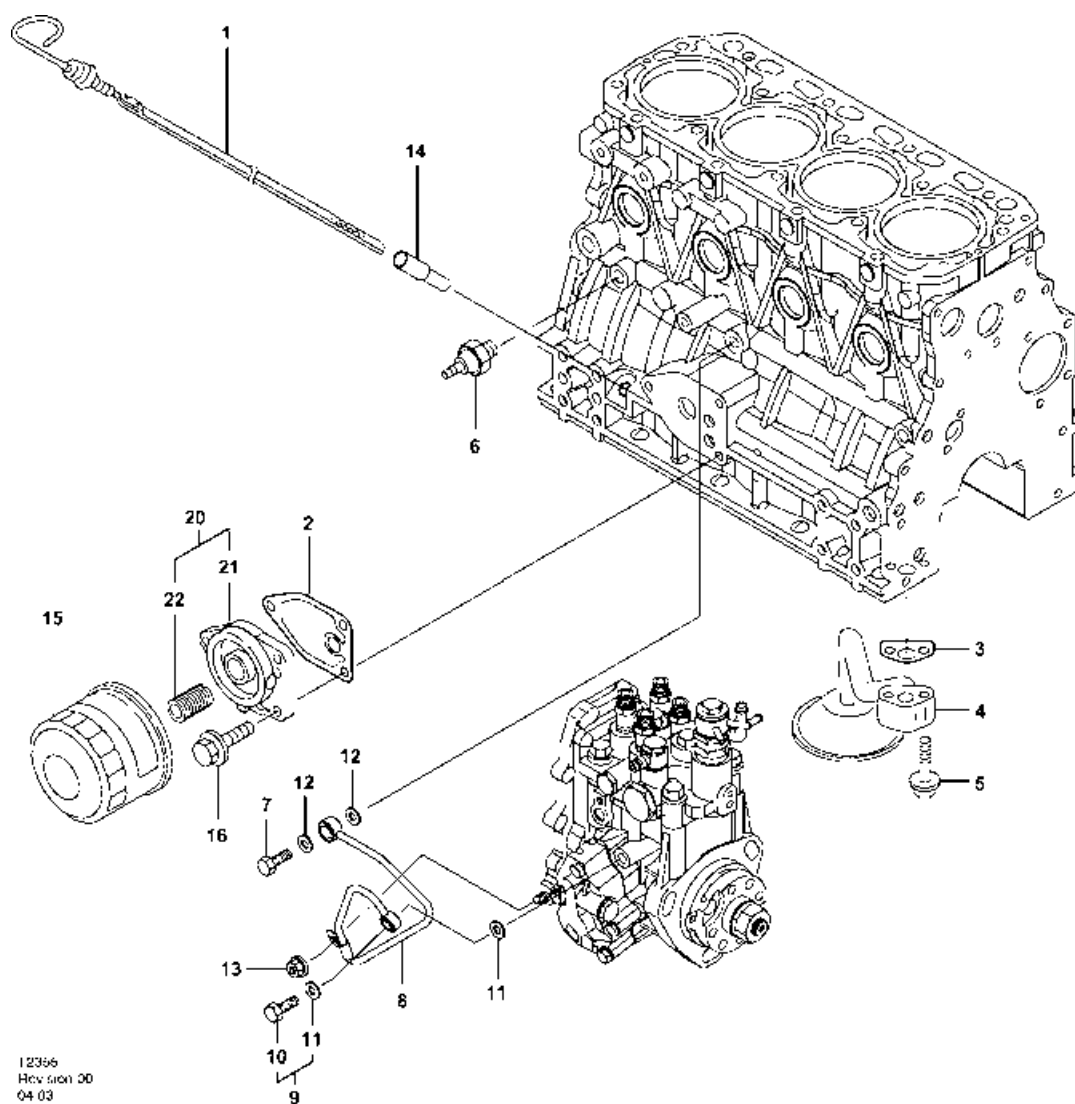


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15895386	1	Pump Assy, Fuel Injection	17	NSS	1	Retainer
2	15899065	1	Bolt	18	15898554	2	Bolt
3	15899073	1	Bolt	19-20	15895428	1	Retainer Assy
4	15895394	1	Bracket, Pump	19	NSS	1	Retainer
5-6	15898588	1	Case Assy	20	15898554	2	Bolt
5	NSS	1	Case	21	15895436	1	Pipe Assy, Injection
6	15898976	1	O-Ring	22	15895444	1	Pipe Assy, Injection
7	15897085	1	Cap, High Idle	23	15895451	1	Pipe Assy, Injection
8	15895402	4	Injector Assy, Fuel	24	15895469	1	Pipe Assy, Injection
9	15895410	4	Nozzle Assy	25	15898166	2	Clamp
10	15897002	4	Nut, Nozzle Case	25-26	15897762	1	Pipe Assy, Return
11	15897739	4	Holder Assy, Nozzle	25	15898265	2	Clamp
12	15897010	4	Spring, Nozzle	26	15897770	1	Pipe, Fuel Return
13	15897028	4	Seat, Nozzle Spring	27-28	15898695	3	Pipe, Fuel Return
14	15897036	4	Plate, Stop	27	15898265	6	Clamp
15	15897044	8	Pin	28	NSS	3	Pipe, Fuel Return
16	15897051	4	Shim Pack	29	15897101	1	Cap
17-18	15898547	1	Retainer Assy				

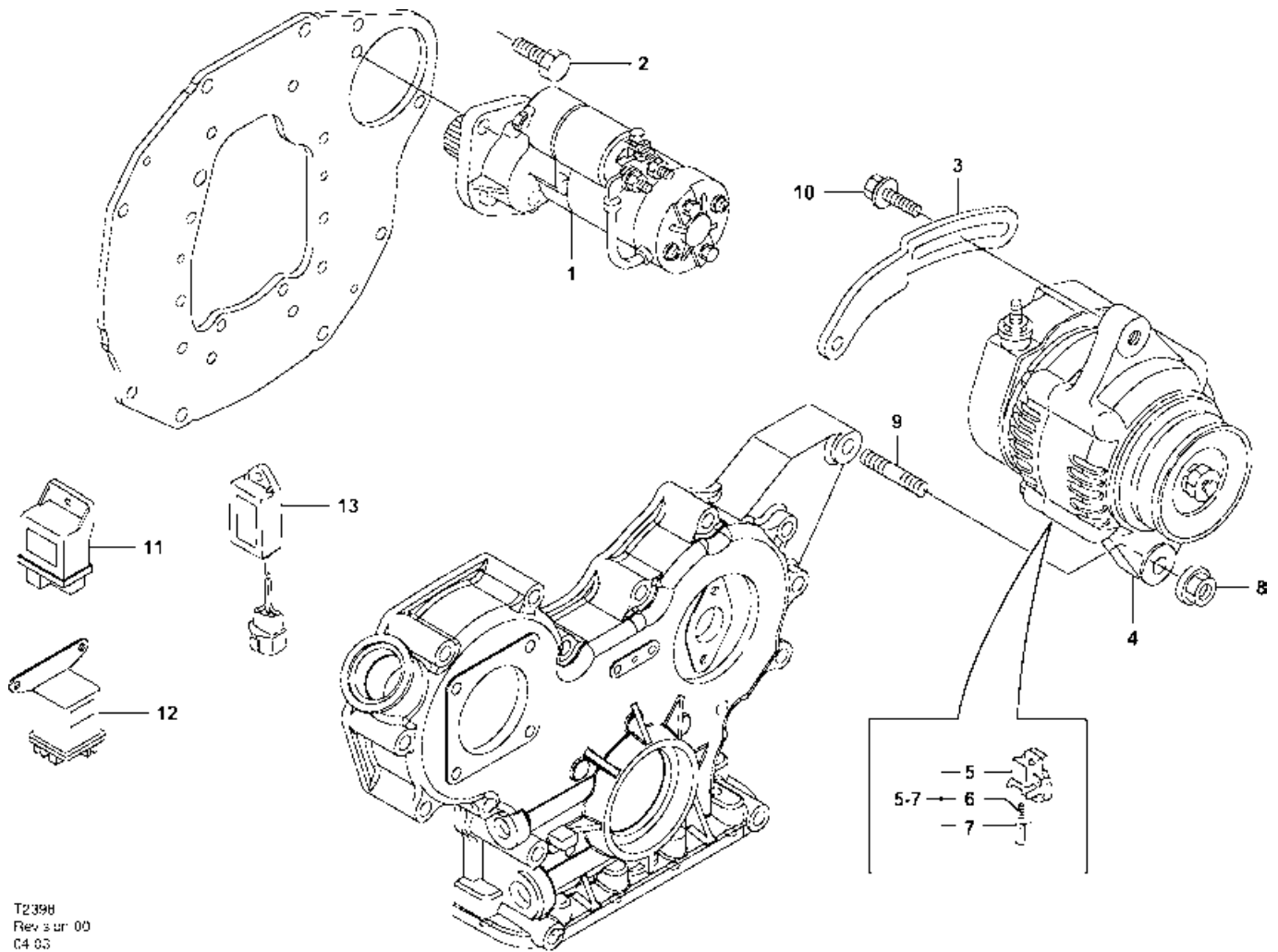


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15898349	1	Bracket, Filter	5	15895485	1	Pipe, Fuel Oil
2	22226369	1	Filter, Fuel	6-7	15895493	1	Pipe Assy, Fuel Oil
3	15899099	2	Bolt	6	15898273	2	Clamp
4-5	15895477	1	Pipe Assy, Fuel	7	15895501	1	Pipe, Fuel
4	15898273	2	Clamp	8	22226385	1	Pump Assy, Fuel Feed

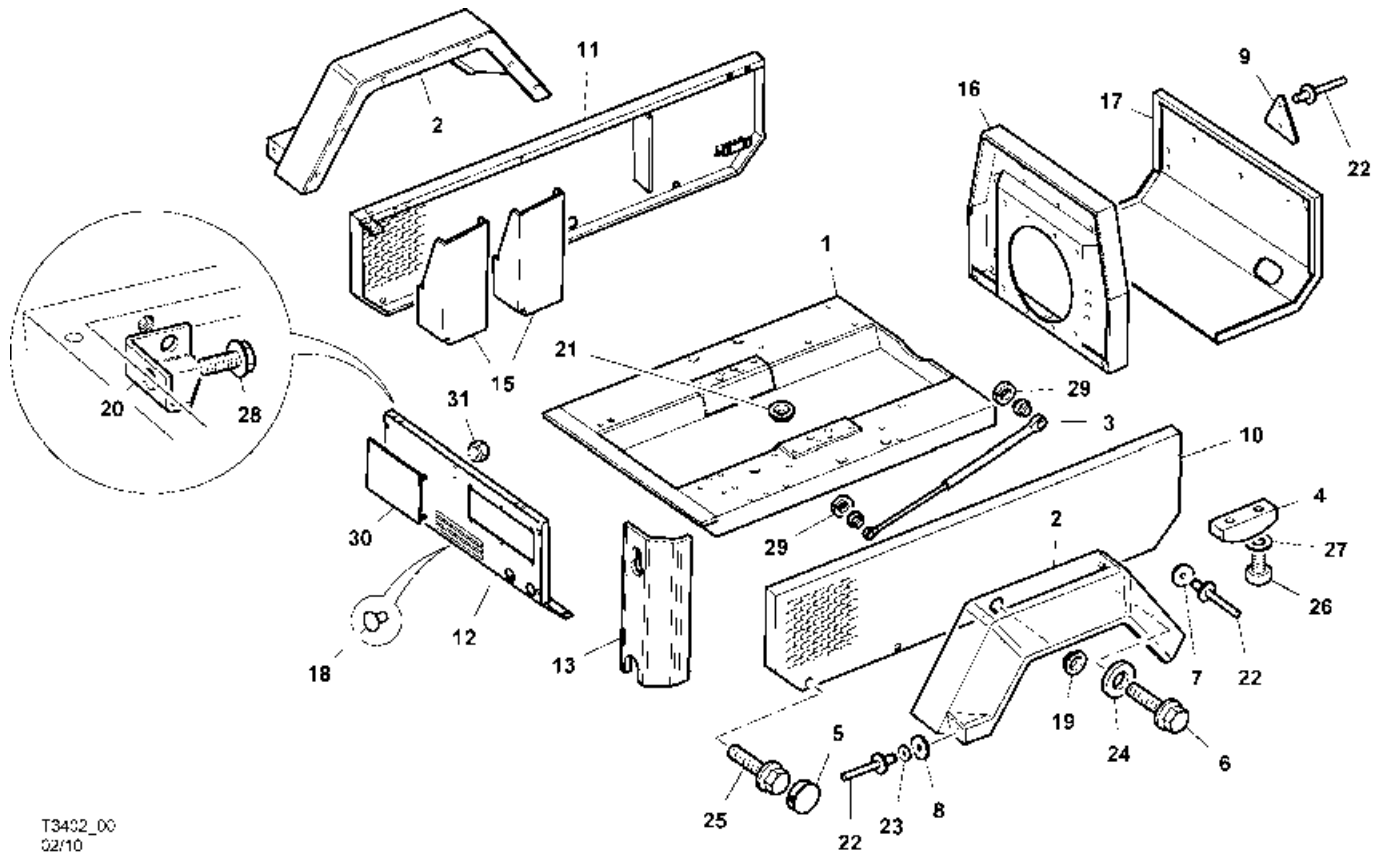
21 LUBE OIL SYSTEM



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	15899636	1	Dipstick	11	15898851	2	Washer
2	15898513	1	Gasket	12	15898869	2	Washer
3	15898505	1	Gasket	13	15899214	1	Nut
4	15895360	1	Pipe Assy	14	15898117	1	Guide, Dipstick
5	15899107	2	Bolt	15	22226351	1	Filter, Oil
6	54757935	1	Switch	16	15899073	3	Bolt
7	15898224	1	Bolt	17	15897614	1	Bracket Assy, Filter
8	15897648	1	Pipe Assy	18	15897622	1	Filter Bracket
9	15898356	1	Bolt Assy	19	15898380	1	Stud
10	15898935	1	Bolt				

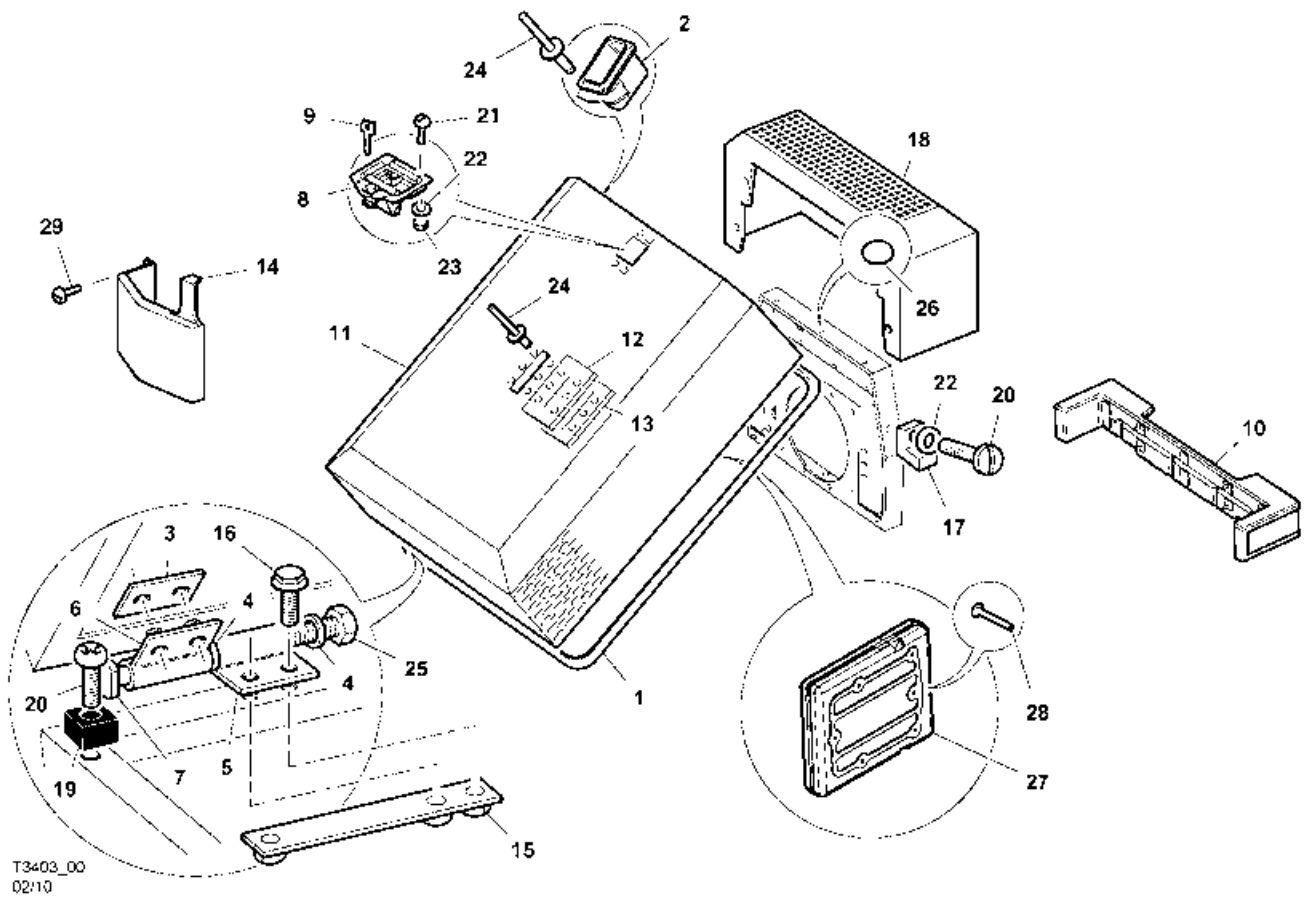


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22255558	1	Starter Assy	8	15899206	1	Nut
2	15899164	2	Bolt	9	15898752	1	Stud
3	15897820	1	Adjuster, Belt	10	15898018	1	Bolt
4	22255434	1	Alternator	11	22181036	1	Relay
5-7	15897143	1	Holder Brush, Assy	12	22245492	1	Relay
5	NSS	1	Brush Holder	13	22245468	1	Timer
6	15897135	2	Brush Assy	*14	22226393	1	Solenoid, fuel
7	15897150	2	Spring				

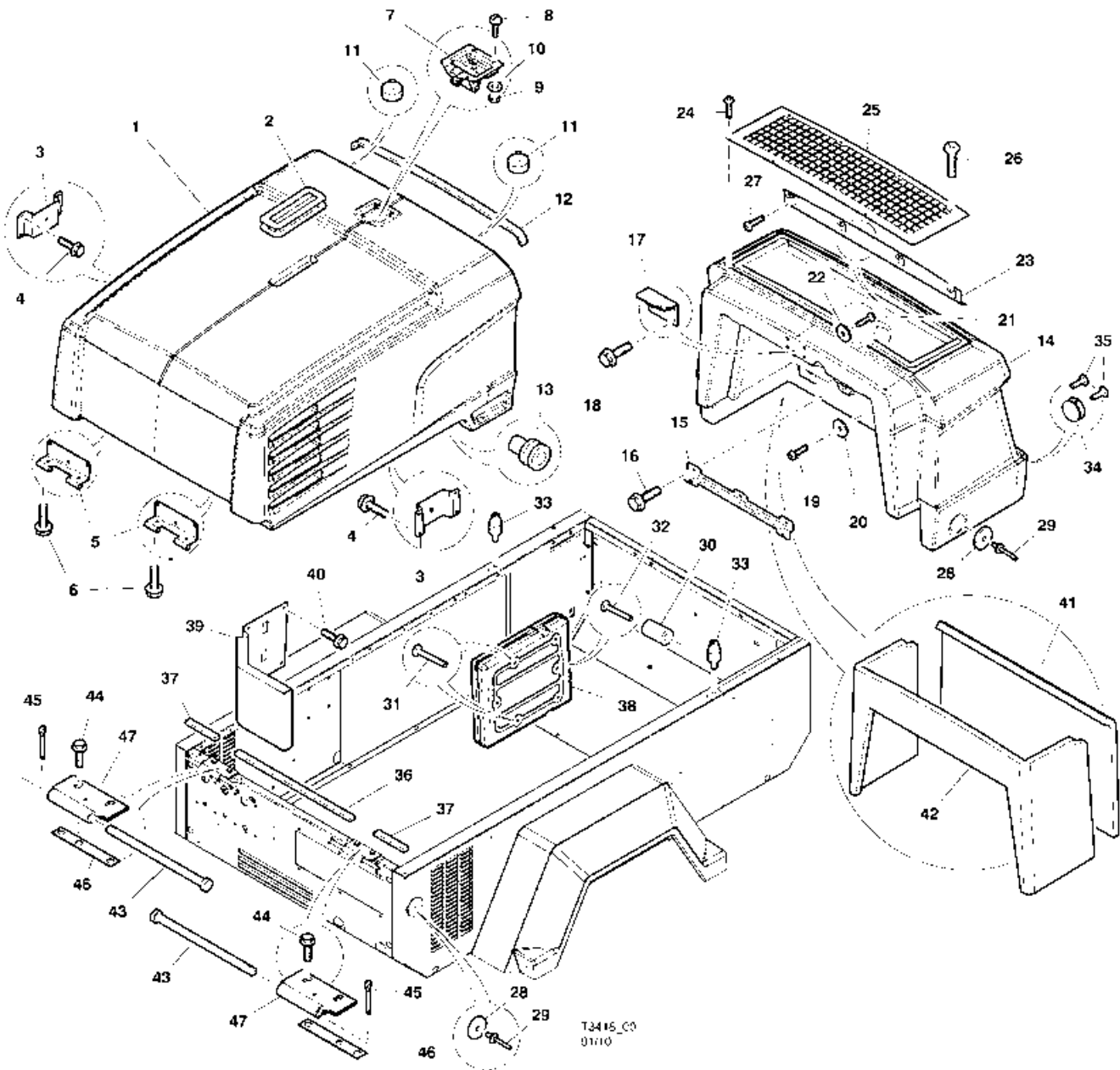


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	23304256	1	Frame	17	22670673	1	Panel
2	23192180	2	Mudguard	**	22660187	1	Panel – bare
3	92107804	2	Spring, gas	18	92890037	AR	Plug
4	89257067	2	Protector	19	92788868	2	Plug
5	92783281	21	Plug	20	92783810	2	Bracket
6	36797652	AR	Screw	21	89260608	1	Plug
7	92121243	4	Reflector (amber)	22	92271923	AR	Rivet
8	92085729	2	Reflector (white)	23	88111091	2	Washer
9	92721331	2	Reflector (red)	24	95094298	AR	Washer
10	23305543	1	Panel, left hand	25	92184811	AR	Screw
**	23304264	1	Panel, left hand – bare	26	92421429	4	Capscrew
11	23305568	1	Panel, right hand	27	92061480	4	Washer
**	23304280	1	Panel, right hand – bare	28	92096015	4	Screw
12	46541108	1	Panel	29	92304666	4	Lockwasher
**	46541090	1	Panel – bare	30	46551750	1	Cover
13	54572557	1	Baffle, left hand	31	96704176	8	Nut
14	–						
15	22176606	2	Toolbox				
16	22170971	1	Support				

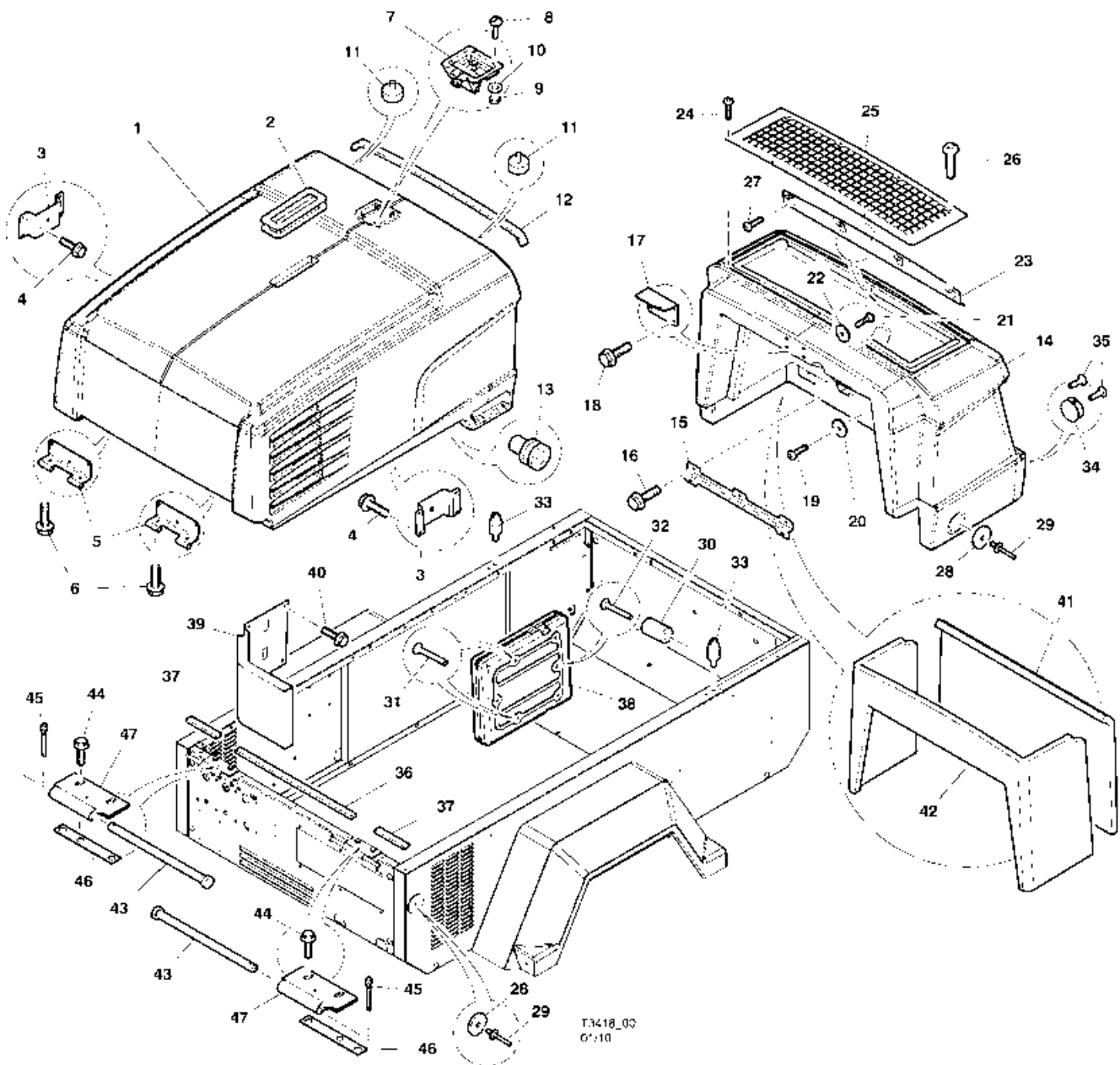
** Unpainted sheet metal part, colour specification is required when ordering.



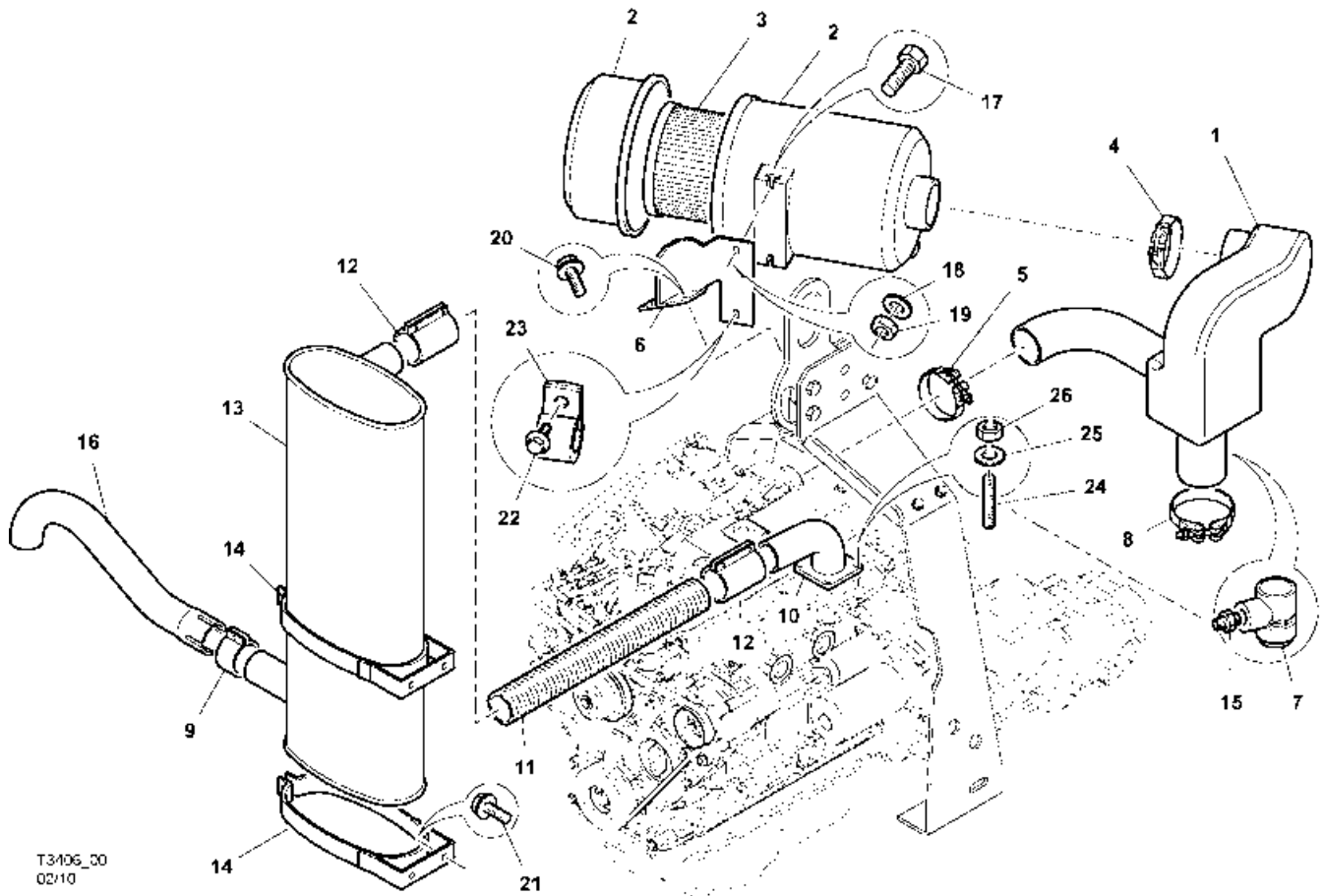
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	92119957	1	Seal	17	92799519	2	Protector, rear
2	92824010	2	Handle	18	54666003	1	Canopy, fixed (Beige)
3	92795095	2	Plate	**	54541743	1	Canopy, fixed – bare
4	92119460	4	Washer	19	92799501	2	Protector, front
5	92798727	2	Hinge, lower	20	92441450	2	Screw
6	92798719	2	Hinge, upper	21	92722990	4	Screw
7	92119445	2	Pin, hinge	22	92341981	4	Washer
8–9	92794254	1	Latch	23	92304542	4	Nut
9	92094358	2	Key	24	92271923	8	Rivet
10	92894609	1	Bar, bumper	25	92304559	2	Locknut
11	22670640	1	Canopy, hinged (Beige)	26	46552221	3	Plug, flat
**	22661334	1	Canopy, hinged – bare	27	22990816	1	Holder, manual
12	54635537	1	Gasket	28	96747209	3	Screw
13	54635545	1	Cover	29	92096015	3	Screw
14	46552141	1	Baffle, right hand				
15	46551502	2	Bracket				
16	92398130	4	Screw				
				**	Unpainted sheet metal part, colour specification is required when ordering.		



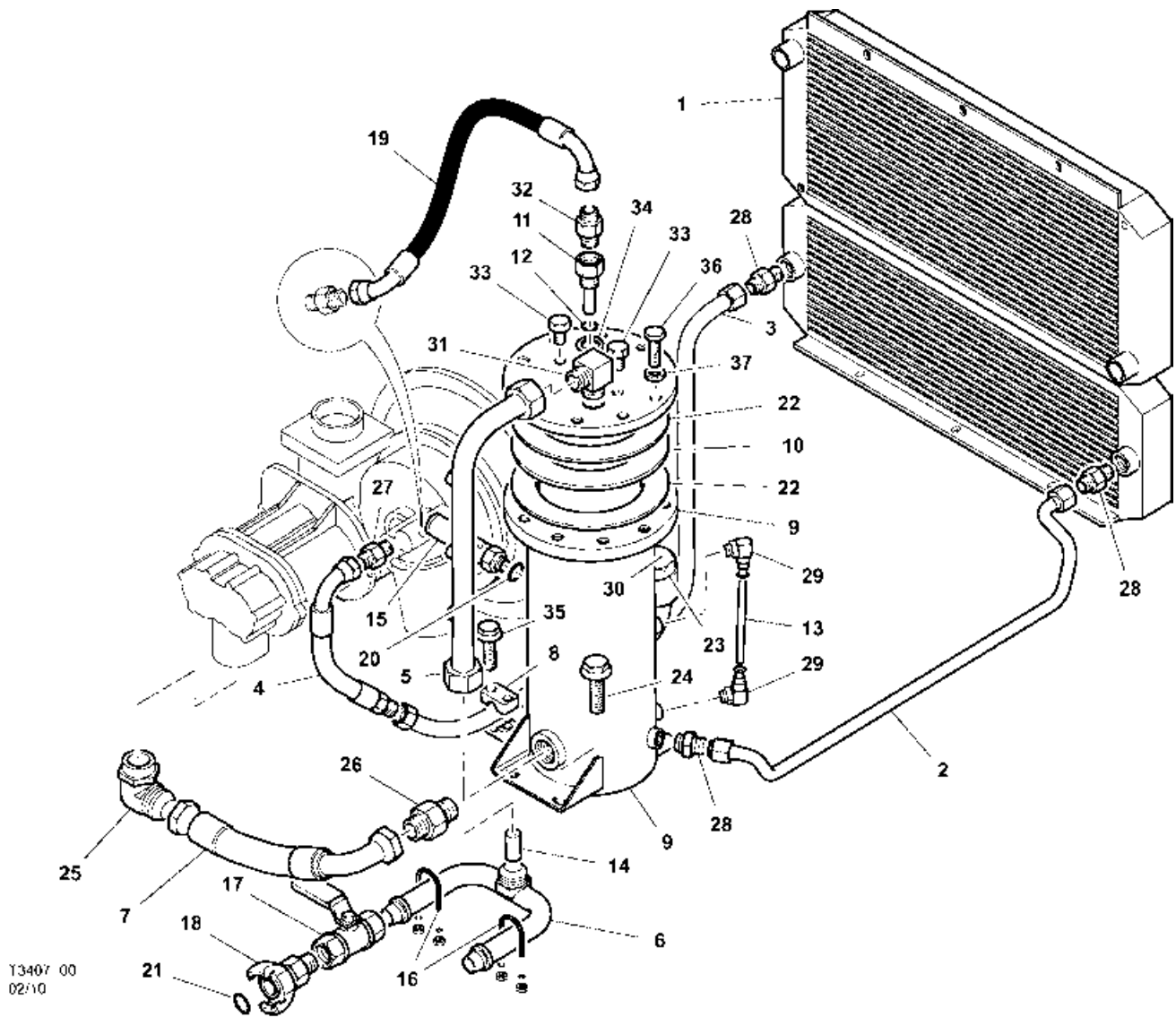
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-13	46540266	1	Canopy, assembly hinged polymer	15	46540530	1	Bracket, rear canopy
**1	46540274	1	Canopy, hinged bare polymer	16	92096015	3	Screw
2	46540282	1	Seal, rubber lift eye	17	46540589	1	Bracket, latch
3	46540407	2	Bracket, gas spring	18	92096015	4	Screw
4	92096015	8	Screw	19	46552189	16	Screw
5	46540415	2	Hinge, top polymer canopy	20	88111091	16	Washer
6	92096015	10	Screw	21	46552189	3	Screw
7	92794254	1	Latch, door	22	88111091	3	Washer
8	46552195	4	Bolt	23	46540555	1	Bracket, fiberglass pack
9	92829316	4	Locknut	24	46552189	5	Screw
10	95935029	4	Washer	25	46540548	1	Grille, canopy
11	46540399	2	Mount, rubber stopper	26	96737531	4	Screw, pan head
12	46552185	1	Seal, strip	27	46552189	5	Screw
13	23182470	3	Nut	28	92121243	4	Reflector, amber
14-29	46540464	1	Canopy, assembly fixed polymer	29	92271923	4	Rivet
**14	46540472	1	Canopy, fixed polymer bare	**	Colour specification is required when ordering.		



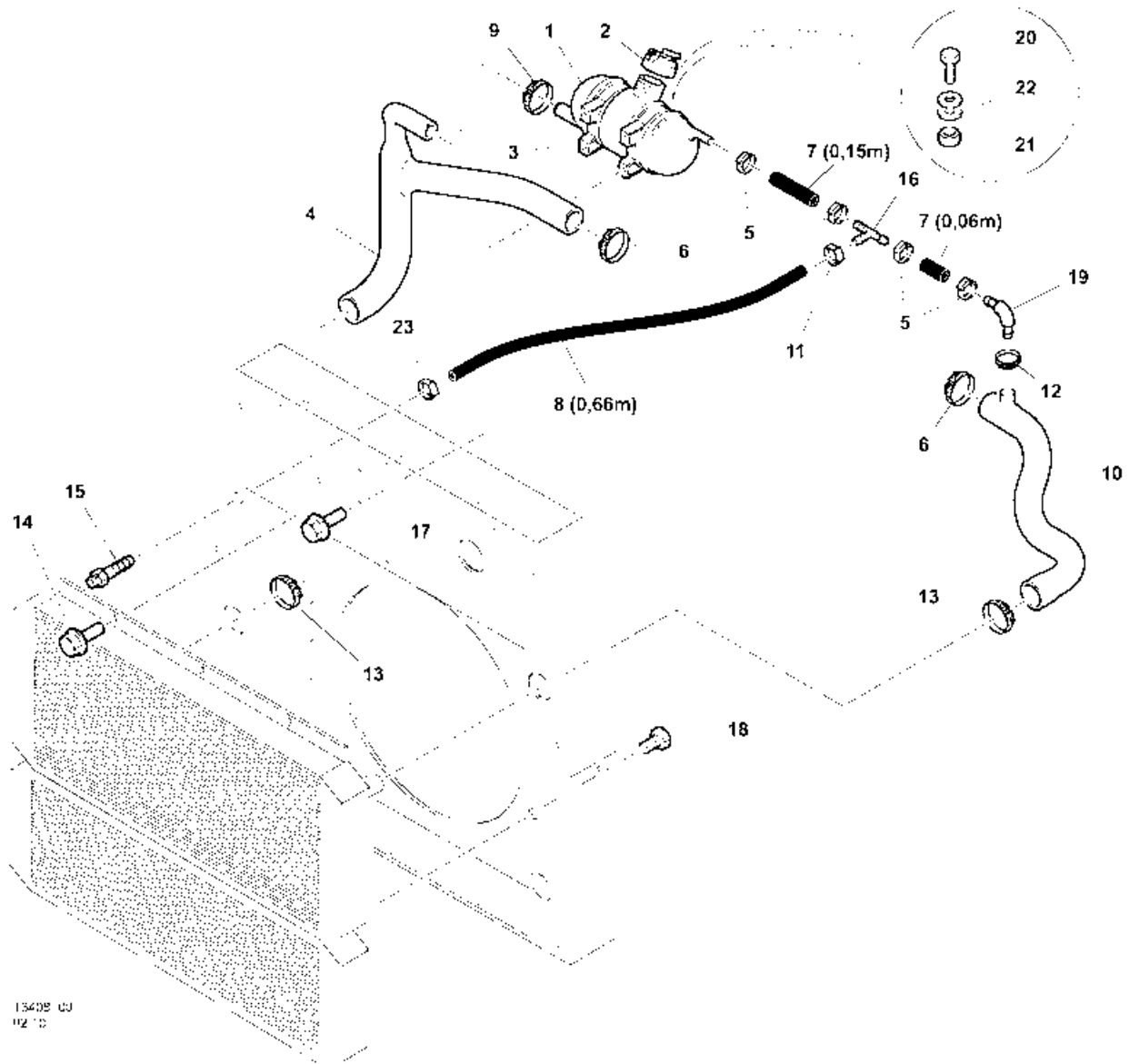
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
30	46551677	1	Spacer	39	46552138	1	Baffle, PE canopy – RH
31	46552212	2	Screw	40	46552189	4	Screw
32	46552211	1	Screw	41	46540498	1	Insulation, fibreglass rear
33	46551605	2	Pin, locating canopy	42	46540522	1	Insulation, fibreglass side
34	92783281	2	Plug, nylon	43	46540605	2	Pin, hinge PE canopy
35	46552210	4	Plug, tree push on	44	92398130	4	Screw
36	46552183	1	Seal, strip	45	46552215	2	Pin, cotter
37	46552184	2	Seal, strip	46	46551502	2	Support, reinforcement
38	22990816	1	Manual box	47	46540597	2	Hinge, lower PE canopy



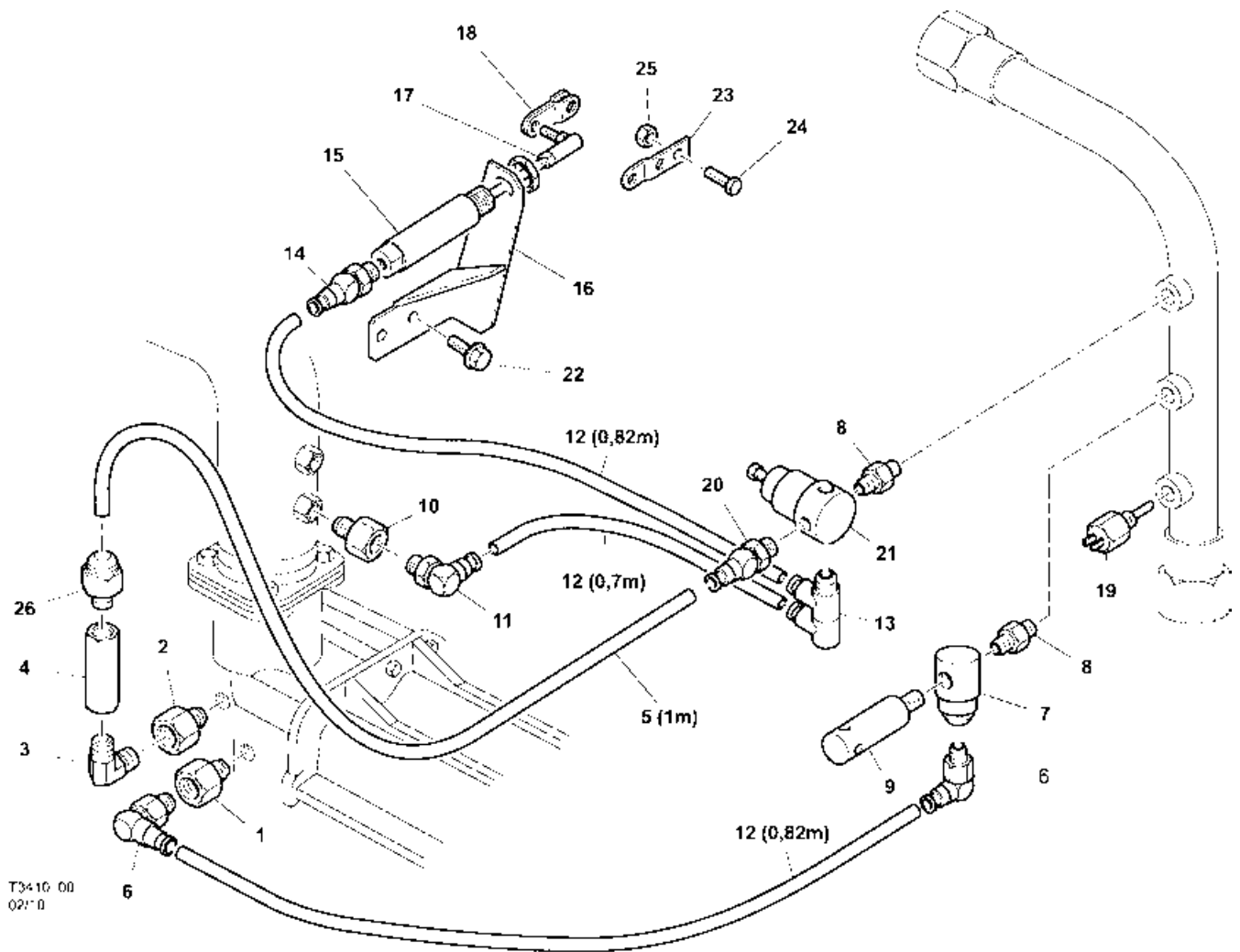
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22233688	1	Hose	14	54540596	2	Bracket
2	22237572	1	Filter assembly	15	92795194	1	Nipple
3	54626452	1	Element, air filter	16	22663462	1	Pipe
4	22192850	1	Clamp	17	92304351	1	Screw
5	35221639	1	Clamp	18	92687664	2	Washer
6	22234546	1	Bracket	19	92398114	2	Nut
7	35300615	1	Indicator, air restriction	20	92972140	2	Screw
8	35295781	1	Clamp	21	96704408	4	Screw
9	54729777	1	Clamp	22	92304369	1	Screw
10	22398697	1	Pipe	23	92253202	1	Clip, hose
11	22398705	1	Pipe	24	92961499	4	Stud
12	54576632	2	Clamp	25	92304666	4	Lockwasher
13	54540570	1	Silencer	26	92304518	4	Nut



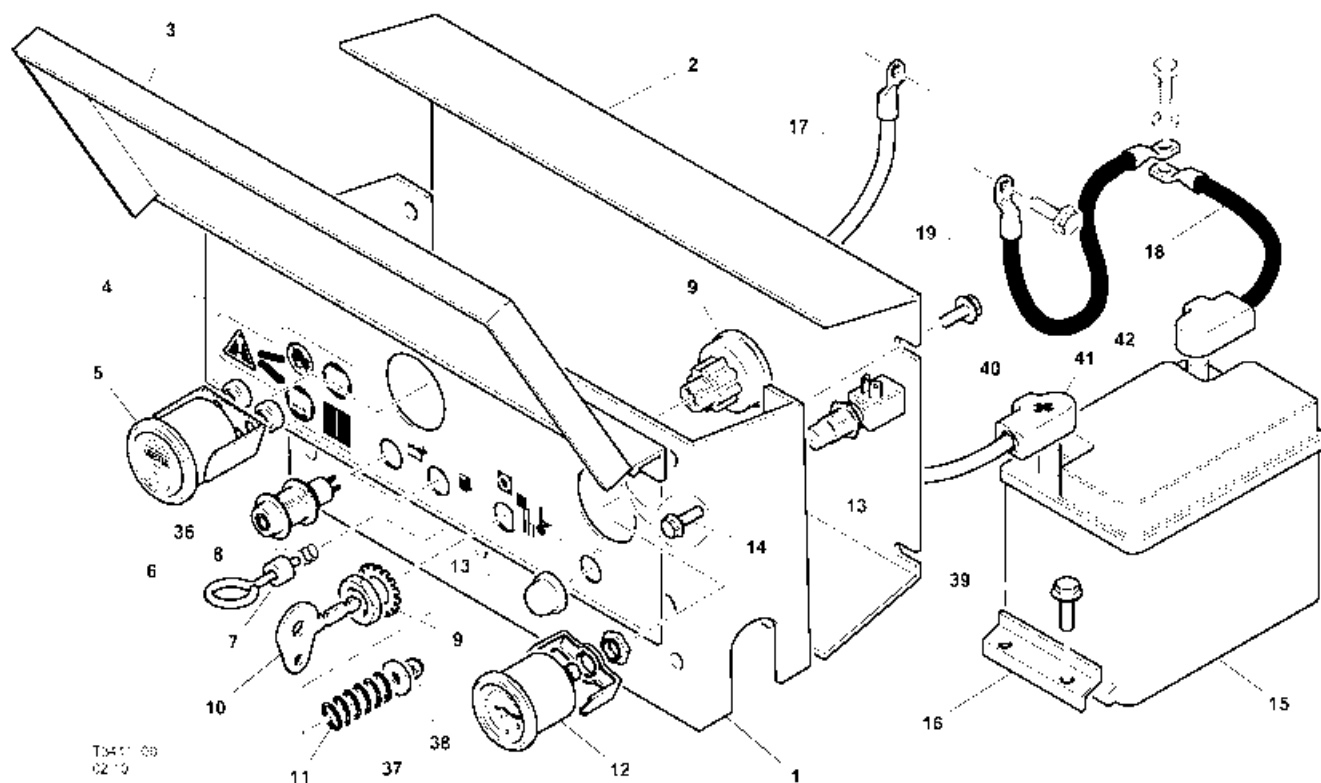
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22624019	1	Cooler	19	92789288	1	Hose assembly
2	54542931	1	Tube assembly	20	93472272	1	Seal
3	22204721	1	Tube assembly	21	92178565	1	Seal
4	54542998	1	Hose assembly	22	54741152	2	Gasket
5	54540737	1	Tube assembly	23	35279942	1	'O' Ring
6	54540729	1	Manifold	24	96704408	4	Screw
7	54540711	1	Hose assembly	25	35374867	1	Elbow
8	54577168	1	Clamp	26	92091990	1	Connector
9	54569405	1	Tank, separator	27	35295880	1	Connector
10	54596705	1	Element, separator	28	92123215	3	Adaptor
11	54517735	1	Connector Drop-tube	29	54403191	2	Elbow
12	92877620	1	'O' Ring	30	35579630	1	Plug
13	92823921	1	Sight-glass	31	89249643	1	Elbow
14	22453898	1	Orifice, sonic	32	92104132	1	Connector
15	93159655	1	Valve, safety	33	93502128	2	Plug
16	54540745	2	Clamp	34	92338946	1	"O" Ring
17	92294461	2	Valve, ball	35	92476019	2	Screw
18	92178524	2	Coupling	36	92304450	10	Screw
				37	92061506	10	Washer



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-2	22242218	1	Tank assembly	12	95220844	1	Clip, retaining
1	54540653	1	Tank, header	13	54640453	2	Clip, retaining
2	22237937	1	Cap	14	96704408	6	Screw
3	54564273	2	Clamp	15	54576806	1	Fitting
4	22157358	1	Hose	16	46500278	1	Tee
5	46500260	4	Clip, retaining	17	92184811	4	Screw
6	92803998	2	Clip, retaining	18	92871367	1	Plug
7	46500252	AR	Hose 12mm	19	46500245	1	Elbow
8	54577176	AR	Hose 6mm	20	92178896	2	Screw
9	92762723	1	Clip, retaining	21	92304542	2	Locknut
10	22157341	1	Hose	22	92341981	4	Washer
11	54577267	1	Clip, retaining	23	22921092	1	Clip

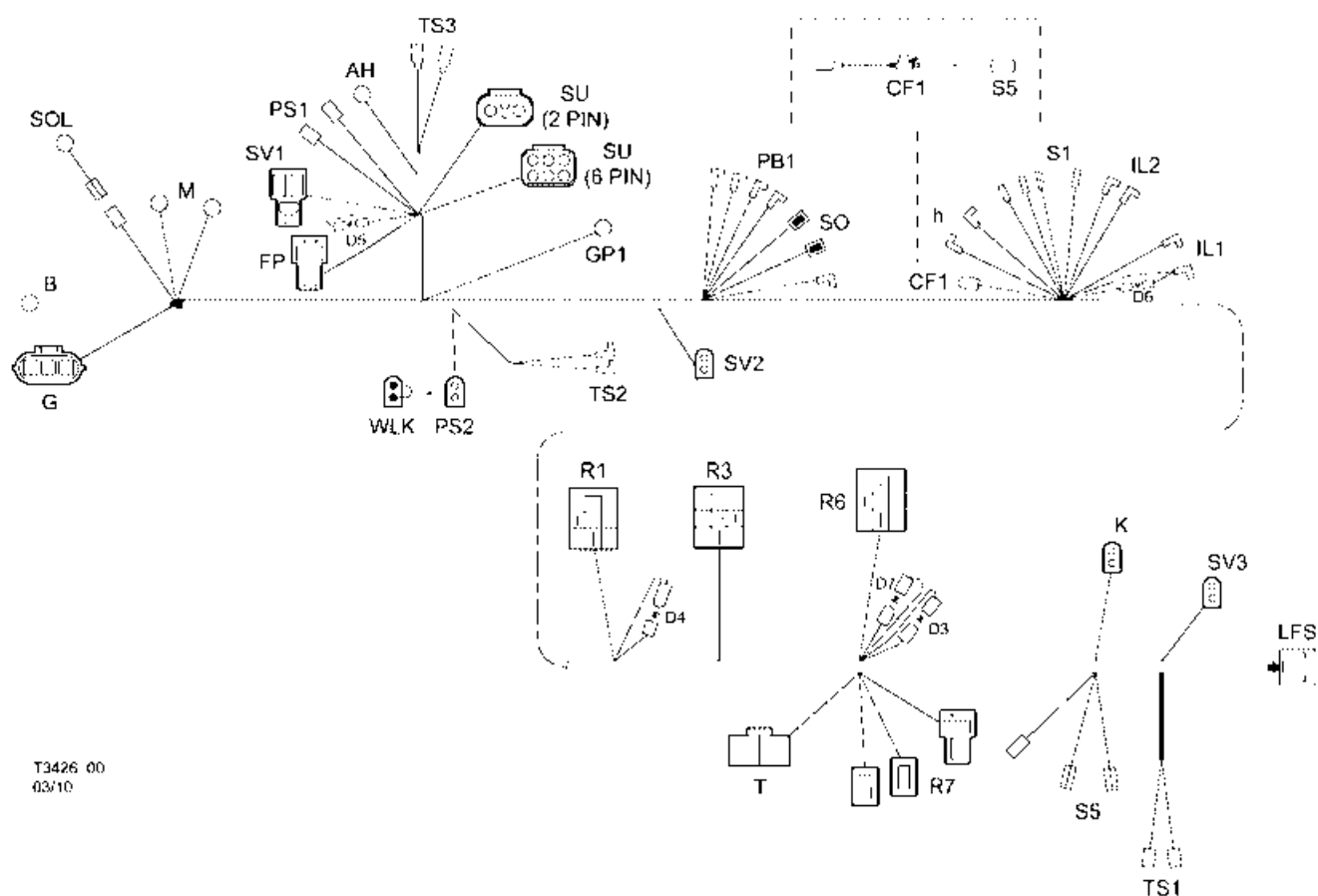


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	92788918	1	Adaptor	14	92715051	1	Connector
2	23291321	1	Orifice fitting	15	54440102	1	Cylinder
3	23309560	1	Elbow	16	22164651	1	Bracket
4	92812932	1	Valve, Non-return	17	54493085	1	Ball-joint
5	92799378	AR	Tube (Nylon) 8mm	18	54438221	1	Link
6	54403266	1	Elbow	19	92762756	1	Sensor, temperature
7	54748363	1	Valve, blowdown	20	92931401	1	Connector
8	92005701	2	Connector	21	35355106	1	Regulator
9	92549369	1	Orifice, silencer	22	92472638	2	Screw
10	92863810	1	Adaptor	23	22164065	1	Lever
11	54403266	1	Elbow	24	96702048	2	Screw
12	92490358	AR	Tube (Nylon) 6mm	25	96704606	2	Locknut
13	92794262	1	Elbow	26	23309578	1	Connector



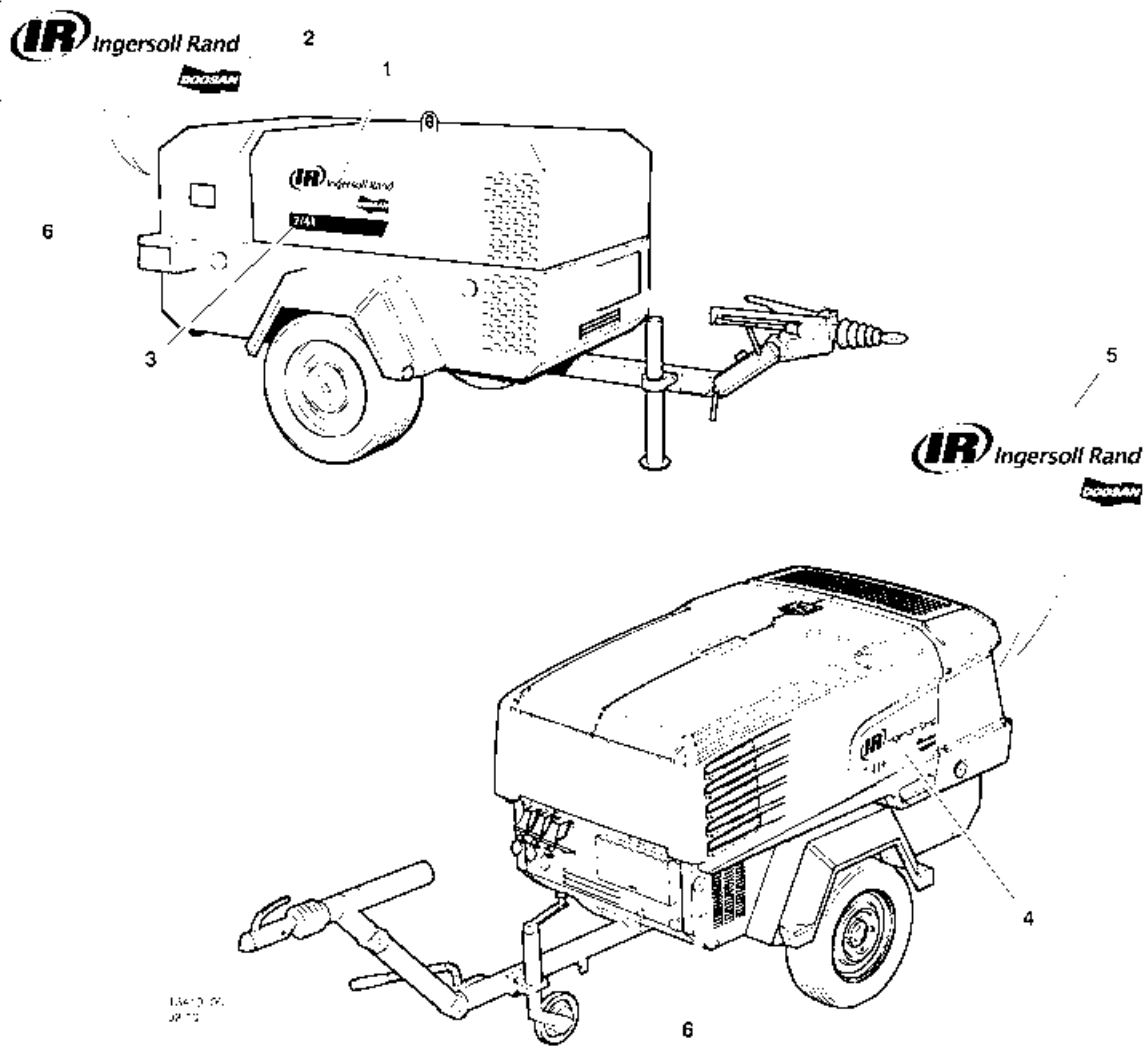
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22222236	1	Panel, instrument	*23	22179550	1	Harness, main
2	54479654	1	Cover	*24	89282867	1	Fuse, holder
3	88125752	1	Door assembly	*25	89284558	1	Fuse
4	22180335	1	Decal, facia	*26	22181036	1	Safety unit
5	92306901	1	Hourmeter	*27	89281653	1	Connector, fuel solenoid
6	93159804	1	Eye	*28	22180327	1	Connector, alternator
7	93159812	1	Spacer	*29	22181192	1	Connector, safety unit
8	35376342	1	Spring	*30	22181184	1	Connector, safety unit
9	92086719	1	Key-switch	*31	22245468	1	Timer, unit
10	92075530	1	Key	*32	22245492	1	Relay, timer
11	92799840	1	Spring	*33	22245476	1	Connector, timer relay control
12	92790187	1	Gauge, pressure	*34	22245484	2	Connector, timer relay control
†13	35255553	1	Button, start/run	*35	22245500	1	Connector, timer
14	36797652	AR	Screw	36	93466381	2	Light
15	22137624	1	Battery	37	92042241	1	Washer
16	92808161	1	Clamp	38	92304542	1	Nut
17	46502084	1	Cable (red)	39	92179043	4	Screw
18	88109988	1	Cable (black)	40	92184811	4	Screw
19	92789734	1	Cable, earth	41	46553222	1	Terminal cover, Red
*20	92076173	3	Relay	42	46553223	1	Terminal cover, Black
*21	92961796	3	Base, relay mounting	For an electrical connection diagram refer to the Operation and Maintenance manual.			
*22	92969914	5	Diode				

* Not illustrated



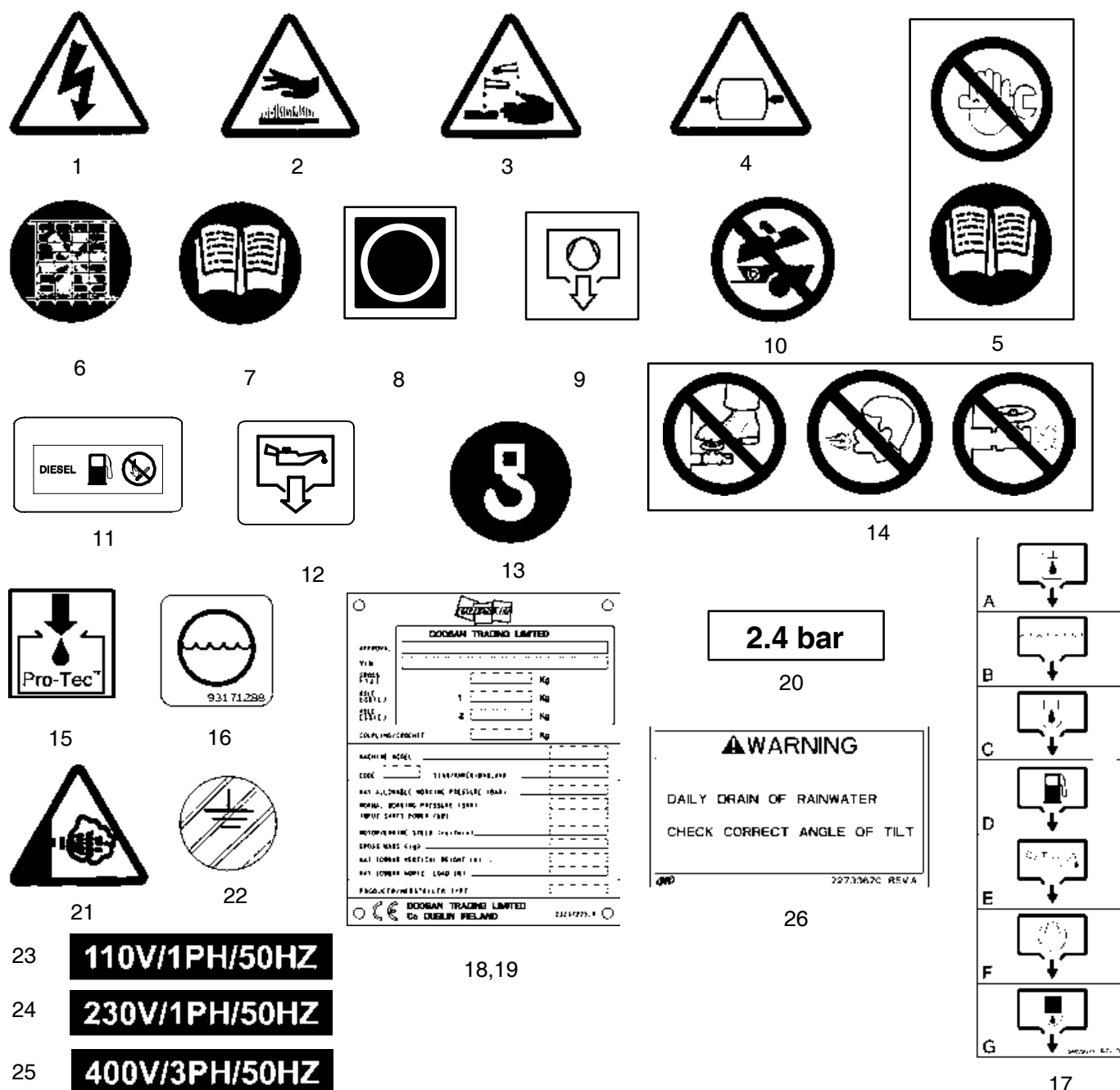
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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
AH			Air heater	R6			Air heater relay
B			Battery, 12V	R7			Relay, timer
CF1			Control fuse	S1			Compressor / generator switch (Option)
D3-7			Diode (Blocking)	S5			Emergency stop button (Option)
FP			Fuel pump	*S6			Battery switch (Option)
G			Alternator, 12V	SO			Key switch (Off / On / Start)
*GEN			Generator (Option)	SOL			Starter motor solenoid
GP1			Groundpoint (Chassis)	SU			Safety unit
h			Hourmeter	SV1			Solenoid, fuel
IL1			Alternator no charge lamp	SV3			Generator speed solenoid (Option)
IL2			Low fuel shutdown lamp	SV2			Solenoid, load (Option)
K			Contactor (Socket box)	SV3			Generator speed solenoid (Option)
LFS			Low fuel switch	T			Timer
M			Starter motor	TS1			High air temperature switch (Airend)
PB1			Pushbutton, load (Option)	TS2			High air temperature switch (Discharge)
PS1			Engine oil pressure switch	TS3			Engine high water temperature switch
PS2			Air pressure switch (Option)	WLK			Wire link (Option)
R1			Safety shutdown relay				
R3			Start inhibit relay				*Not illustrated

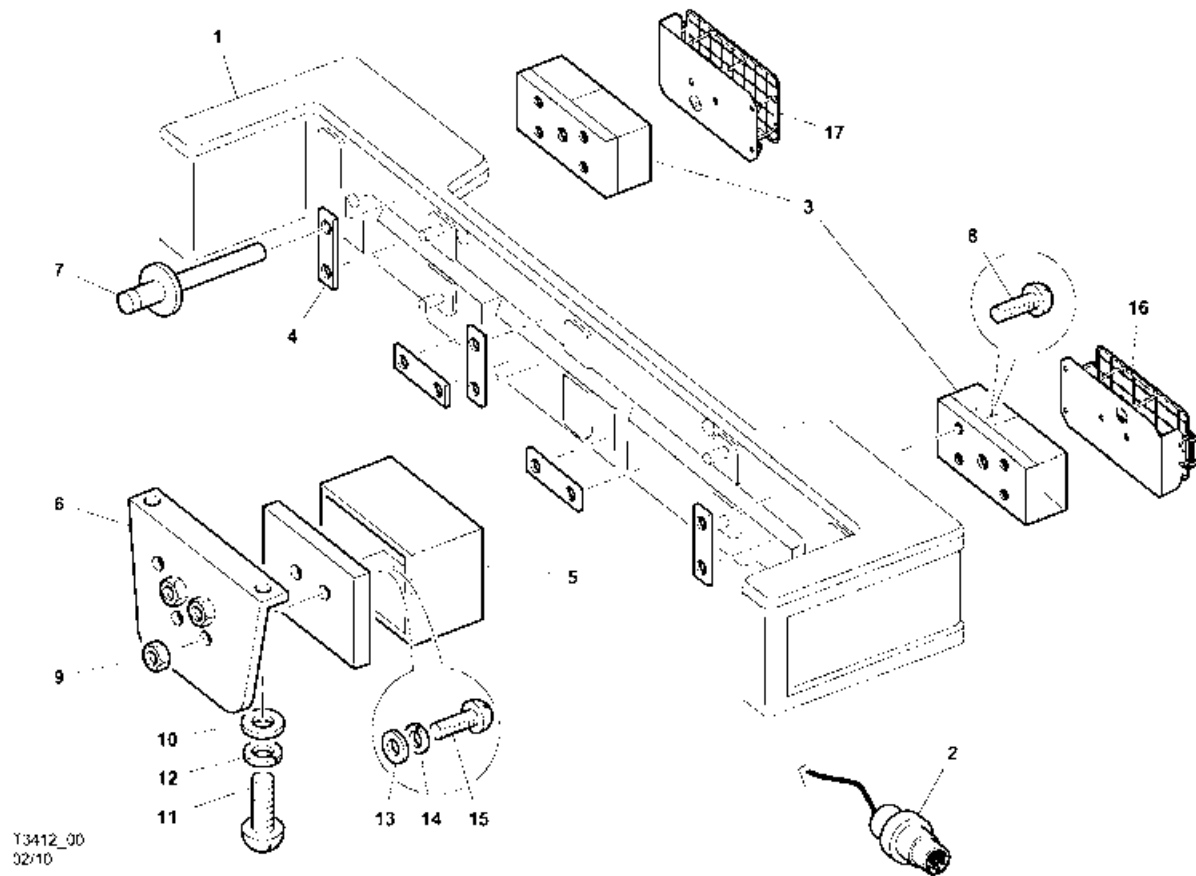


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-3	46553327	1	KIT - EXTERNAL DECALS (Metal canopy)	*7	46553193	1	Manual, Parts catalogue
1	46551731	2	Decal, IR logo (black)	*8	23116809	1	Manual, Operation and Maintenance-bg
2	46551763	1	Decal, Doosan logo (black)	*9	46552288	1	Manual, Operation and Maintenance-da
3	54460642	2	Decal, model (white)	*10	46552289	1	Manual, Operation and Maintenance-de
			EXTERNAL DECALS (PE canopy)	*11	22221949	1	Manual, Operation and Maintenance-en
4	46551758	2	Decal, IR D logo (black)	*12	46552295	1	Manual, Operation and Maintenance-es
	46552230	2	Decal, IR D logo (white)	*13	46552292	1	Manual, Operation and Maintenance-fi
5	46551759	1	Decal, IR D logo (white)	*14	46552290	1	Manual, Operation and Maintenance-fr
	46552231	1	Decal, IR D logo (black)	*15	46552296	1	Manual, Operation and Maintenance-it
6	22664494	1	Decal, sound power	*16	46552291	1	Manual, Operation and Maintenance-nl
				*17	46552293	1	Manual, Operation and Maintenance-no
				*18	23116833	1	Manual, Operation and Maintenance-pl
				*19	46552297	1	Manual, Operation and Maintenance-pt
				*20	23116817	1	Manual, Operation and Maintenance-ro
				*21	23106644	1	Manual, Operation and Maintenance-ru
				*22	46552294	1	Manual, Operation and Maintenance-sv

* Not illustrated



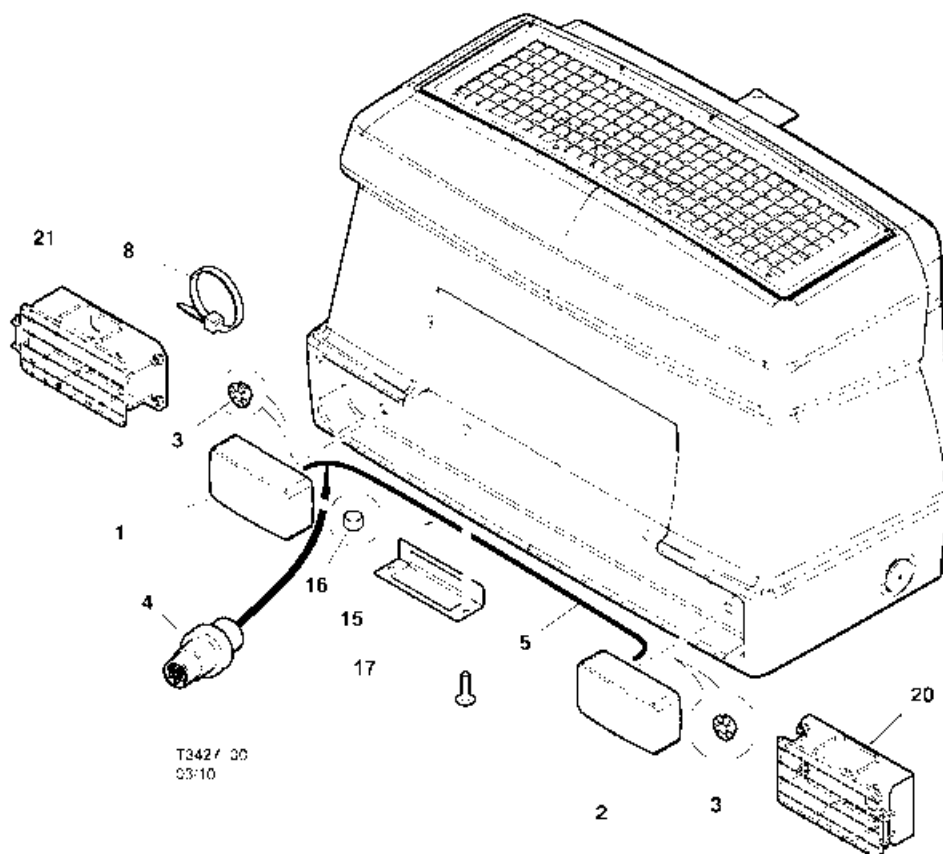
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-14	93174068	1	KIT – INTERNAL DECALS	15	89298491	1	Decal, Protec oil
1	92930593	1	Decal, electric shock	16	93171288	1	Decal, coolant fill
2	92867530	1	Decal, hot surface	17	54629977	1	Decal, central drain
3	92930601	1	Decal, corrosive substance	18	23237225	1	Plate, data
4	92930585	1	Decal, pressurised vessel	19	92368075	4	Rivet
5	92930668	1	Decal, no maint/read book	20	93171908	2	Decal, tyre pressure 2.4 bar
6	93165959	1	Decal, use guards when running	21	92976042	1	Decal, exhaust gas discharge
7	92867449	2	Decal, refer to handbook	†22	92912559	1	Decal, earth
8	92930650	1	Decal, emergency stop	†23	92887405	1	Decal, 110V 1Ph 50Hz
9	93171247	1	Decal, coolant drain	†24	92950112	1	Decal, 230V 1Ph 50Hz
10	92867415	1	Decal, close doors	†25	92950104	1	Decal, 400V 3Ph 50Hz
11	93171254	1	Decal, ISO diesel fuel	†26	22733620	1	Decal, daily drain
12	93171239	1	Decal, engine oil drain				
13	93171262	3	Decal, lift/tie point				† Option
14	93465383	1	Decal, service valve				



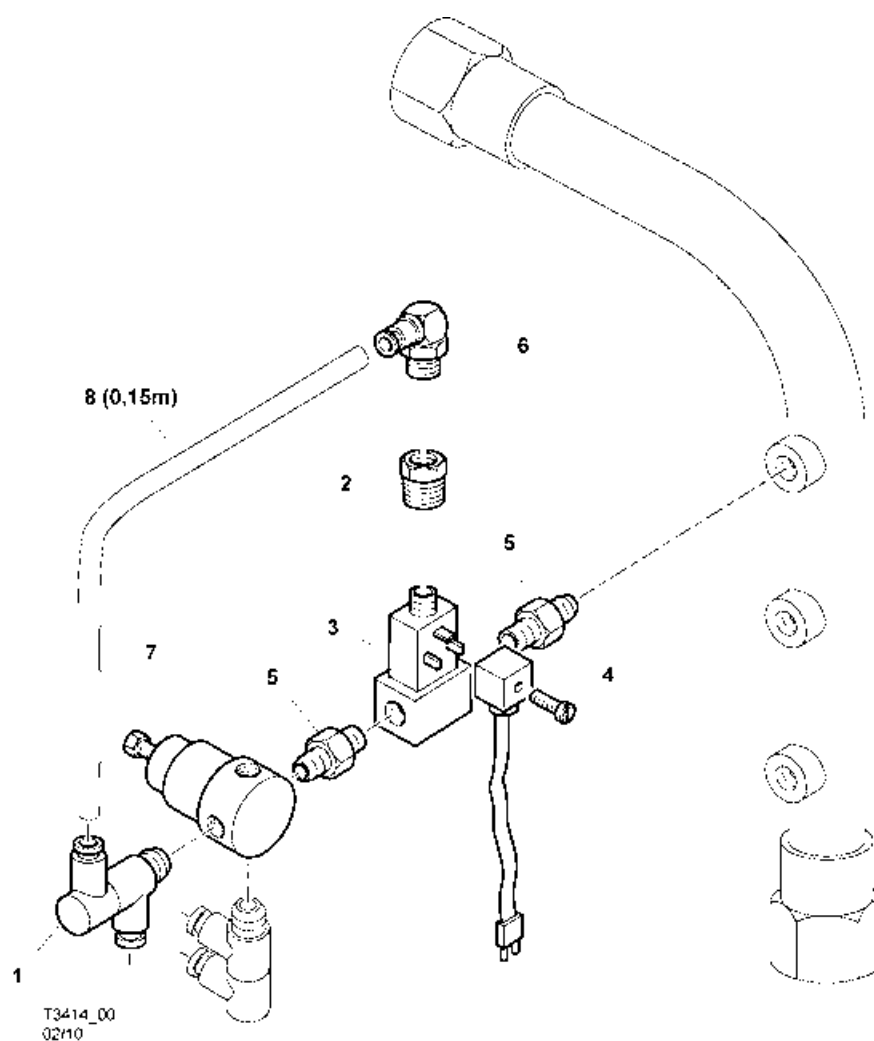
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-6	93181261	1	Light assembly	11	92340058	2	Screw
1	92894609	1	Bar, bumper	12	92304641	2	Lockwasher
2	92961812	1	Harness	13	92340439	2	Washer
3	92783620	2	Light	14	92340447	2	Lockwasher
4	92803691	5	Plate, retaining	15	92050376	2	Screw
5	93477388	1	Light, fog	†16	92867076	1	Grill, Light protection LH
6	89203822	1	Bracket	†17	92866458	1	Grill, Light protection RH
7	92368075	10	Rivet				
8	92789205	8	Screw				
9	92340454	2	Nut				
10	92304583	2	Washer				

For an electrical connection diagram refer to the Operation and Maintenance manual.

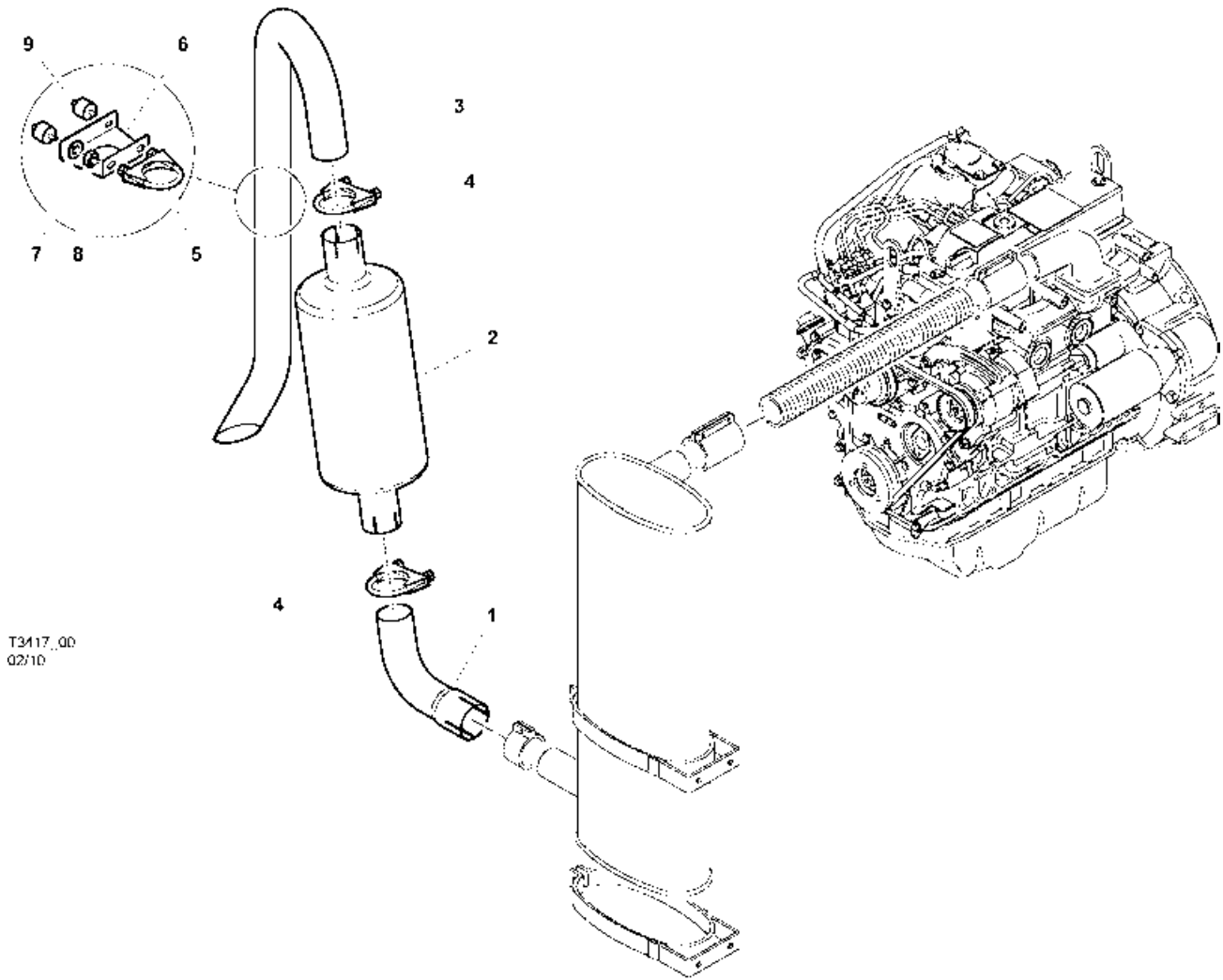
37 OPTIONS – Lights Polymer Canopy



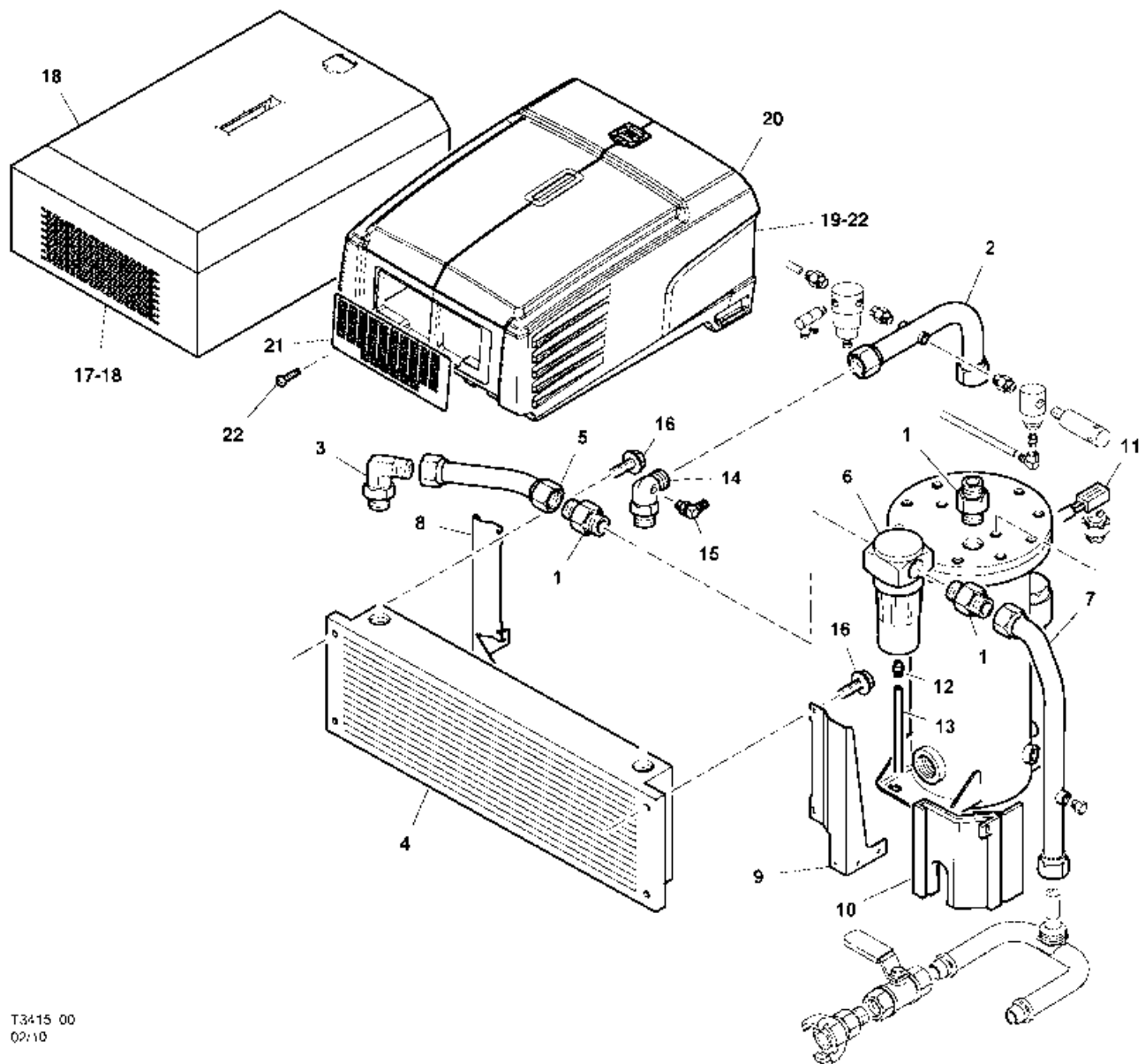
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46551648	1	Light, Right hand – EU version	*12	46501342	1	Bracket, 13 pin plug, option
	46551738	1	Light, Right hand – UK version	*13	92281369	2	Rivet
2	46551649	1	Light, Left hand – EU version	*14	46501359	1	Decal, 13 pin plug, option
	46551739	1	Light, Left hand – UK version	15	46551646	1	Cover, connector rear lights
3	96704176	4	Nut	16	23182470	2	Nut
4	46551638	1	Harness, rear lights PE canopy	17	46552212	2	Screw
5	46551639	1	Harness, rear lights PE canopy	*18	35225093	1	Clip
*6	89293708	4	Bulb, 12v 21w P21	*19	96704176	1	Nut
*7	23001597	2	Bulb, 12v 21w P5	†20	46552100	1	Grill, Light protection RH
8	92281427	5	Tie, cable	†21	46551799	1	Grill, Light protection LH
*9	92441450	4	Screw				
*10	92803790	0,37m	Base, cable tie				* Not illustrated
*11	22293419	4	Seal				



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1-8	80023385	1	Kit, push after warm up	5	92005701	2	Connector
1	92799436	1	Elbow	6	92799444	1	Elbow
2	92354364	1	Reducer	7	35355106	1	Regulator
3	92793124	1	Valve, solenoid	8	92799378	AR	Tube, Nylon OD 8mm-0,15m
4	89303655	1	Harness				



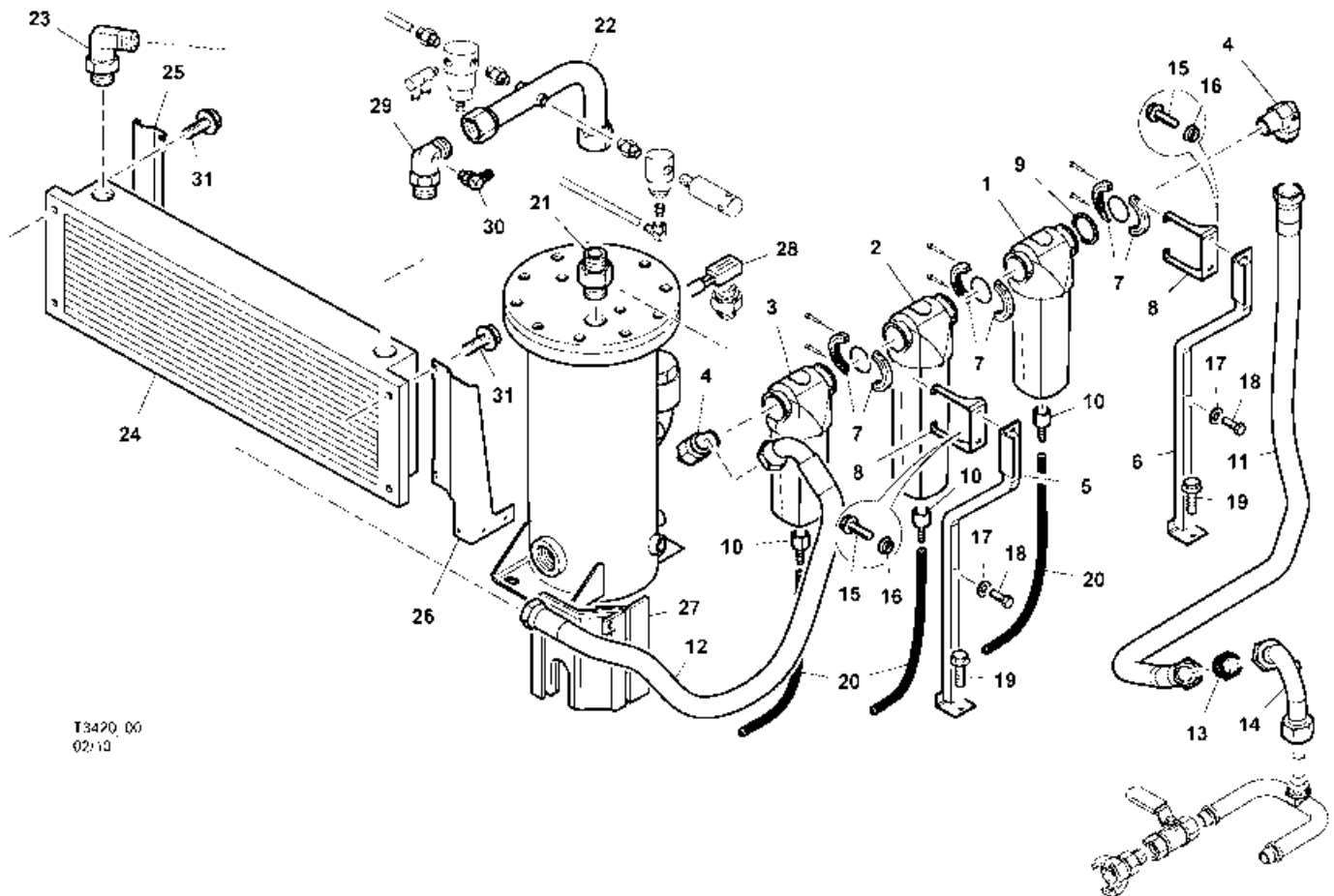
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22898571	1	Pipe, Exhaust muffler	6	22898449	1	Bracket, Tail pipe
2	22897813	1	Spark arrestor	7	92341981	2	Washer
3	22898530	1	Pipe, Tail	8	92829316	2	Nut
4	92321926	2	Clamp, Exhaust pipe	9	22431704	2	Mount, Isolator
5	92789346	1	Clamp, Tail pipe				



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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	89209720	3	Adaptor	13	92490358	1	Tube assembly
2	54591854	1	Tube assembly	14	89249643	1	Elbow
3	92902352	1	Elbow	15	54403209	1	Elbow
4	93465896	1	Aftercooler	16	92096015	4	Screw
5	54591862	1	Tube assembly	**17	22240865	1	Canopy assembly aftercooler
6	91112177	1	Separator, water	**18	22226534	1	Canopy bare aftercooler
7	54591870	1	Tube assembly	**19	46540423	1	Canopy assembly PE aftercooler
8	46551626	1	Bracket	**20	46540431	1	Canopy bare PE aftercooler
9	46551625	1	Bracket	21	46540456	1	Grille, aftercooler
10	54617055	1	Baffle	22	46552189	16	Screw
11	54677497	1	Harness				
12	92715051	1	Adaptor				

** Colour specification is required when ordering.

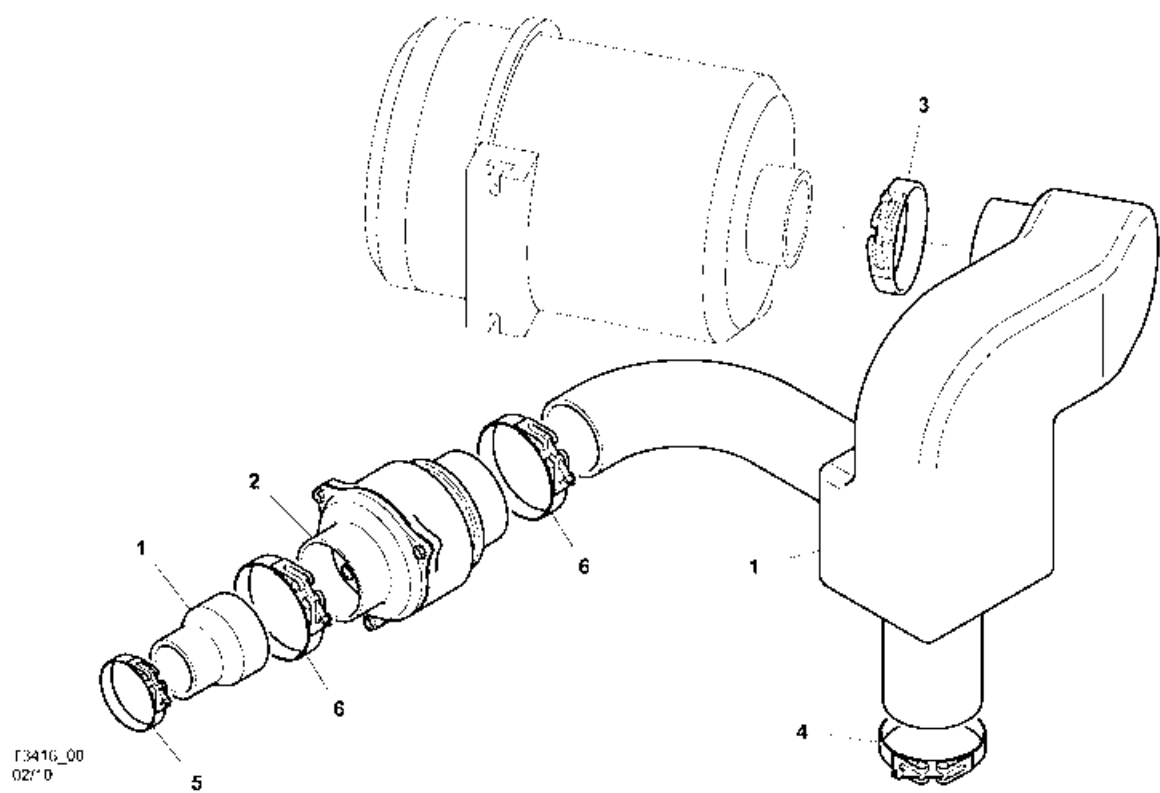


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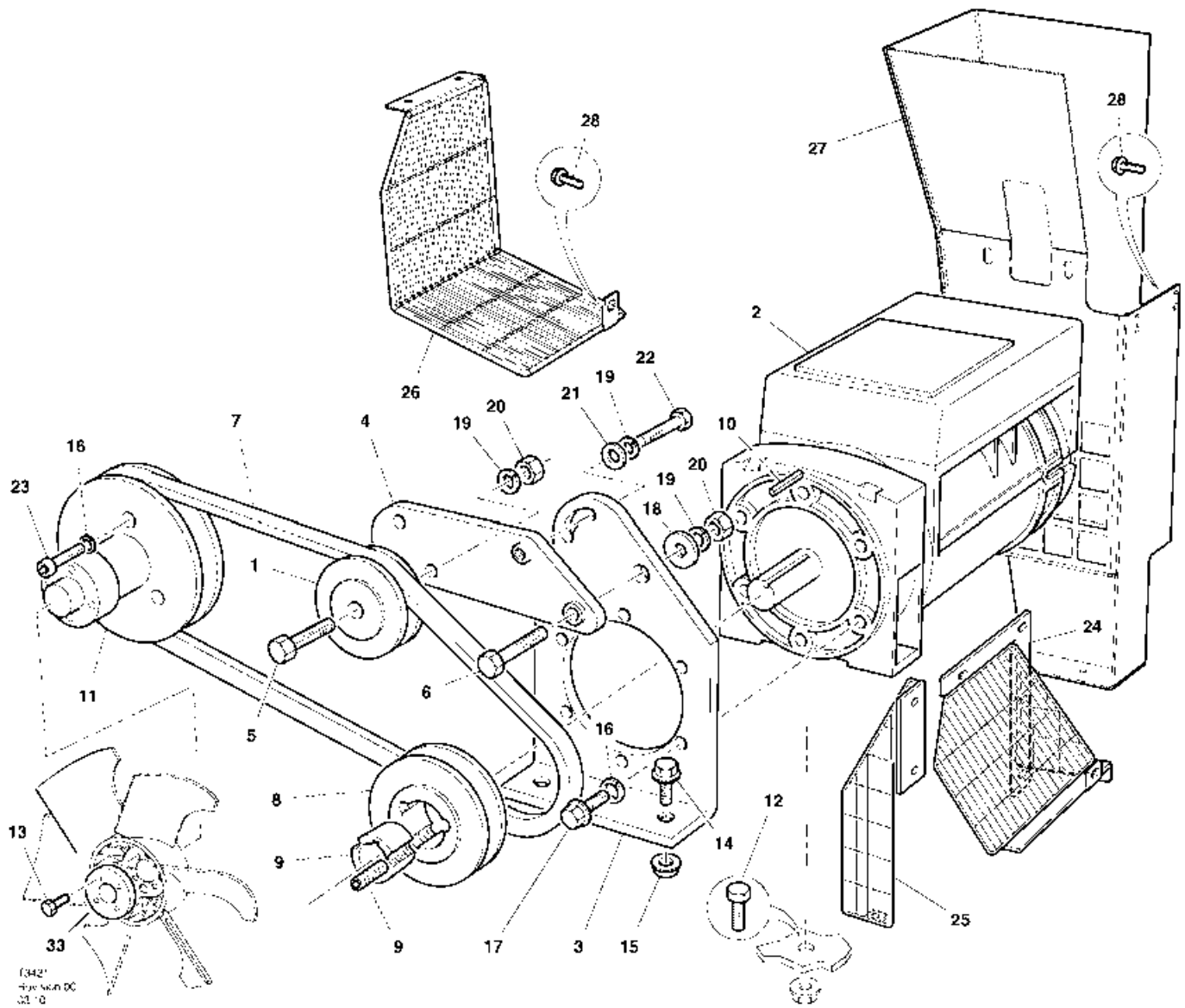
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46540712	1	Filter, fine	17	92304658	2	Washer
2	46540720	1	Filter, prime	18	92178896	2	Screw
3	46539789	1	Separator, water	19	93150977	2	Screw
4	46551577	2	Elbow	20	92490358	AR	Tube (Nylon) 6mm
5	54668751	1	Bracket, filter LH	21	89209720	1	Adaptor
6	54668769	1	Bracket, filter RH	22	54591854	1	Tube assembly
7	46551781	3	Clamp, filter	23	92902352	1	Elbow
8	46540696	2	Bracket, filter	24	93465896	1	Aftercooler
9	46551796	1	Ring, spacer	25	46551626	1	Bracket
10	46541231	3	Connector	26	46551625	1	Bracket
11	54668744	1	Hose assembly	27	54617055	1	Baffle
12	54668736	1	Hose assembly	28	54677497	1	Harness
13	92767979	1	Adaptor	29	89249643	1	Elbow
14	54668835	1	Tube assembly	30	54403209	1	Elbow
15	96704408	1	Screw	31	92096015	4	Screw
16	92398114	4	Nut				

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OPTIONS – Overspeed Valve

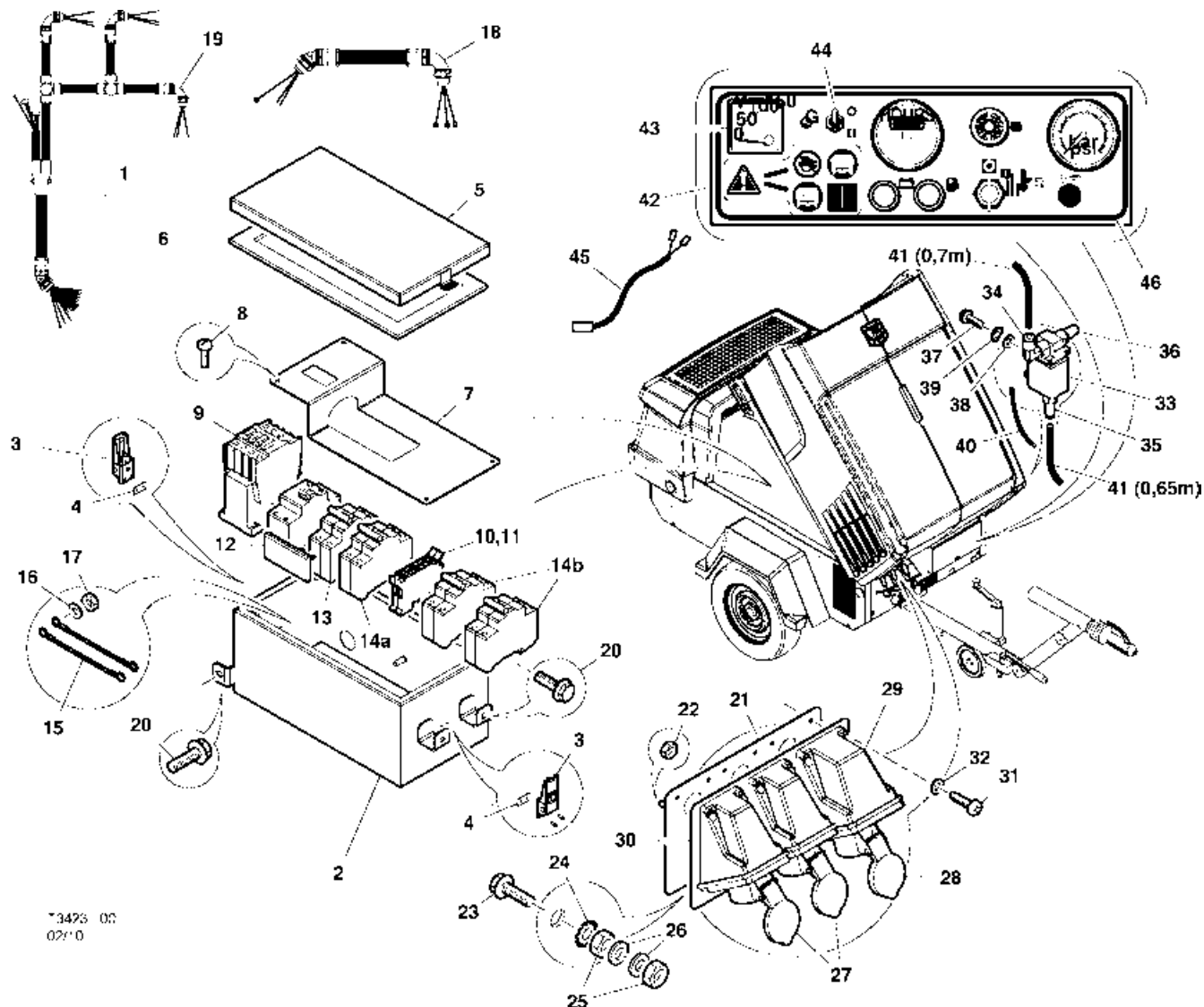


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	22233688	1	Hose	4	35295781	1	Clamp
2	92751783	1	Valve	5	35221639	1	Clamp
3	22192850	1	Clamp	6	35295781	2	Clamp

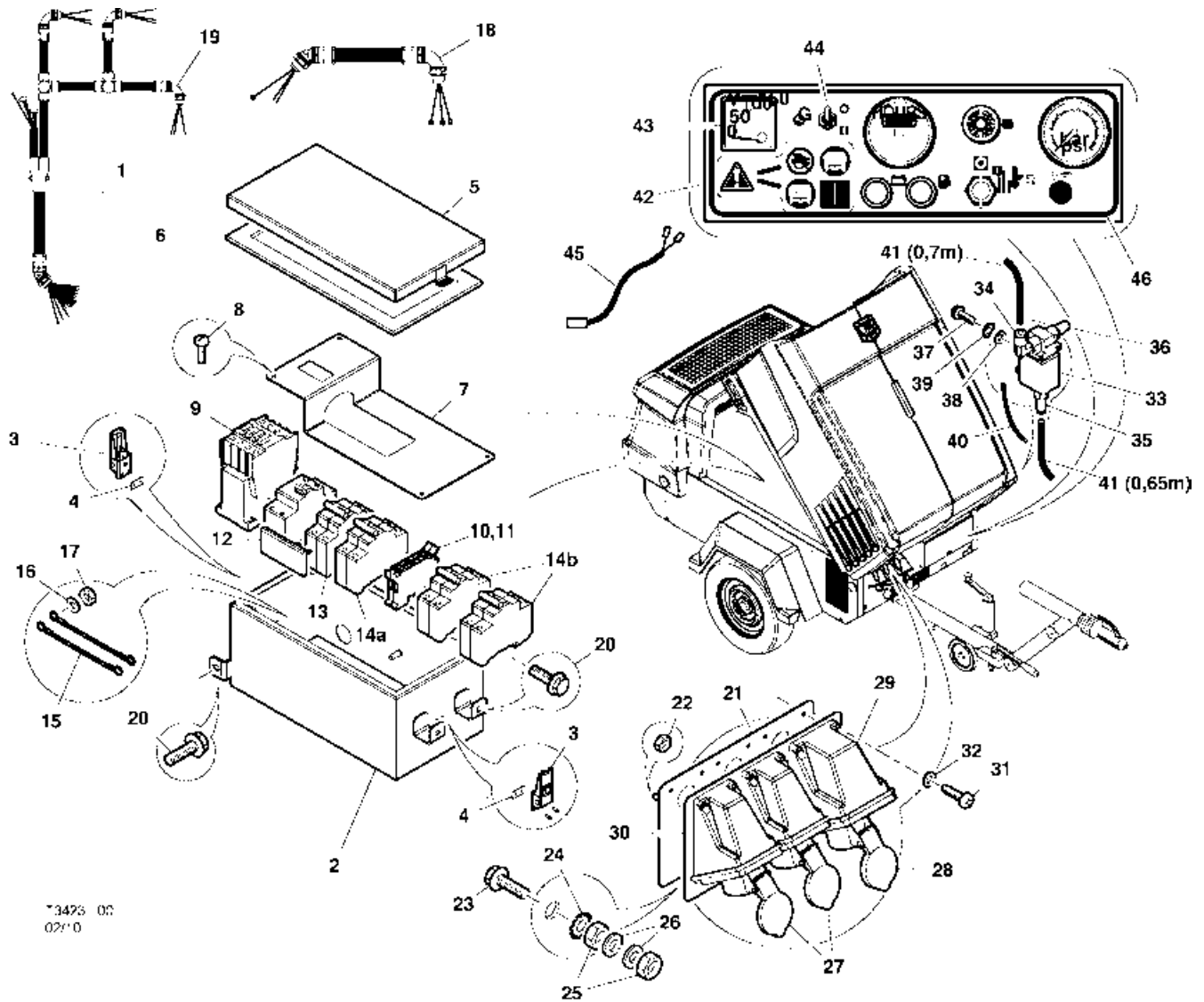


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	92690890	1	Pulley	20	96701743	2	Nut
2	89230494	1	Generator 400V	21	92061506	1	Washer
	88123229	1	Generator 110 / 230V	22	96702311	1	Screw
3	22411011	1	Bracket	23	92421429	4	Capscrew
4	22411003	1	Lever	24	22384515	1	Guard ->####
5	96705637	1	Bolt	25	22384507	1	Guard, RH ->####
6	92398619	1	Bolt	26	46552188	1	Guard, fan RH generator option #### ->
7	22175202	1	Belt, drive	27	22174536	1	Toolbox, generator option
8	54603337	1	Pulley	28	92184811	1	Screw
9	88091889	1	Bush	*29-30	92699412	1	Kit, earth spike
10	-	1	Key	*29	92699420	1	Earth spike
11	22175004	1	Pulley	*30	92699438	1	Cable, earth
12	90141078	1	Screw	*31	35371558	1	Screw, earthpoint
13	92398122	4	Screw	*32	92398114	1	Nut, earthpoint
14	92473586	2	Screw	33	22217301	1	Plate, support
15	92473594	2	Nut				
16	92304666	10	Lockwasher				
17	96702055	6	Screw				
18	96711767	1	Washer				
19	92304682	3	Lockwasher				

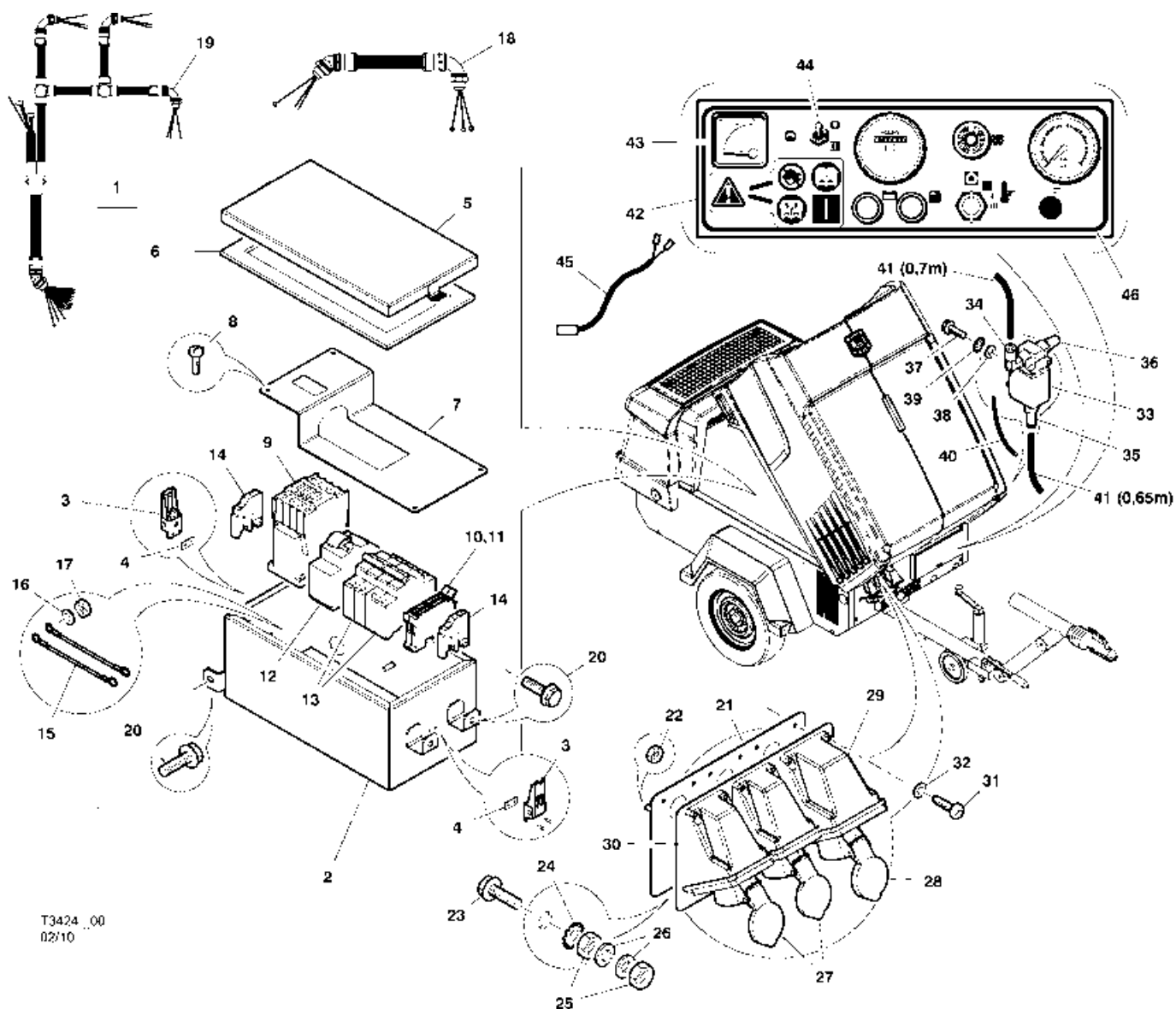
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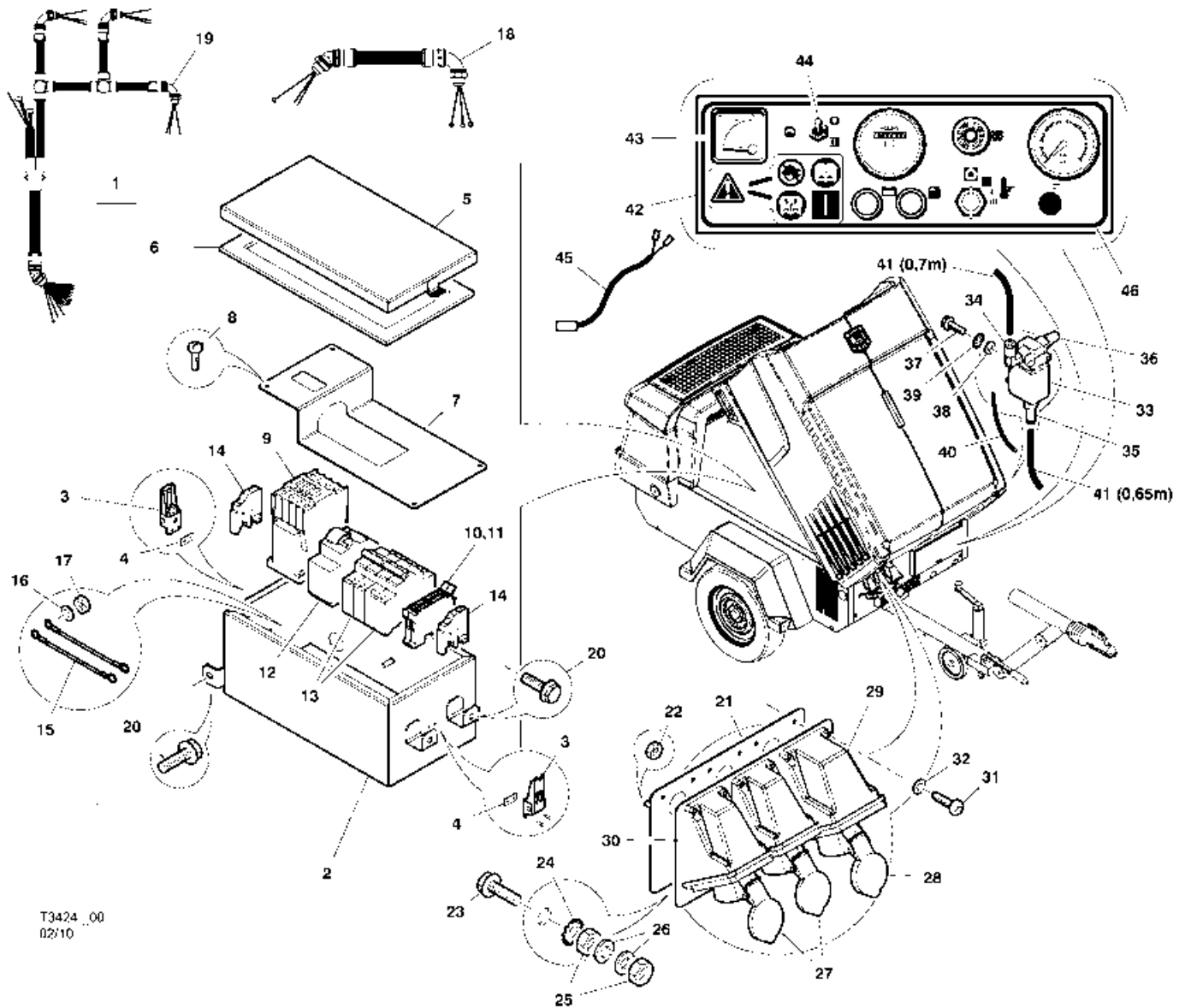
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1 (2-19)	46551774	1	Component box, assembly 110V	16	92341981	4	Washer
2 (3-4)	46551760	1	Component box, metal assembly	17	96703806	4	Nut
3	46551770	2	Latch	18	46551756	1	Harness, Gen Box 110V, 230V
4	46551786	2	Washer	19	46551754	1	Harness, Comp Box 110V, 230V
5	46551761	1	Cover, component box with seal	20	92096015	3	Screw
6	46502811	AR	Sealing, cover – 790mm	21	46551751	1	Cover, front panel 110V
7	46551762	1	Cover, electrical	22	96704176	7	Nut
8	46552235	4	Screw	23	92101112	1	Screw
9	22499164	1	Contactor, 25A AL26-40-00	24	96745229	1	Washer
10	92876887	2	Fuesholder, UKS-HESI 6.3A 750V	25	96735543	2	Nut
11	93478899	2	Fuse, 1A	26	96701396	2	Washer
12	46501896	1	RCD Breaker Block 2P + NA63A/30mA	27	23247018	2	Socket, 16A/110V
13	46501904	1	Circuit Breaker, 2P 63A	28	46501599	1	Socket, 32A/110V
14a	46501912	1	Circuit Breaker, 2P 32A	29	46551776	1	Box, Socket 32A drilled
14b	46501920	2	Circuit Breaker, 2P 16A	30	46551775	2	Box, Socket 16A drilled
15	46552196	2	Cable, Steel with PVC coating	31	96714357	9	Screw
				32	96705165	9	Washer



Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
33-36	92856707	1	Valve, solenoid assembly	42-45	22230965	1	Panel, instrument
33	92855675	1	Valve, solenoid 3way	43	89204648	1	Voltmeter, 0-300V
34	54403266	1	Elbow	44	54584511	1	Switch
35	92788900	1	Adaptor	45	54637061	1	Harness, voltmeter
36	92089556	1	Silencer	46	22230825	1	Decal, facia
37	92861442	2	Screw	*47	92887405	1	Decal, 110V – 50Hz
38	92340439	2	Washer	*48	92912559	1	Decal, Earth
39	92340447	2	Washer				* Not illustrated
40	54636261	1	Harness, speed solenoid				
41	92490358	AR	Tube, nylon 6mm				

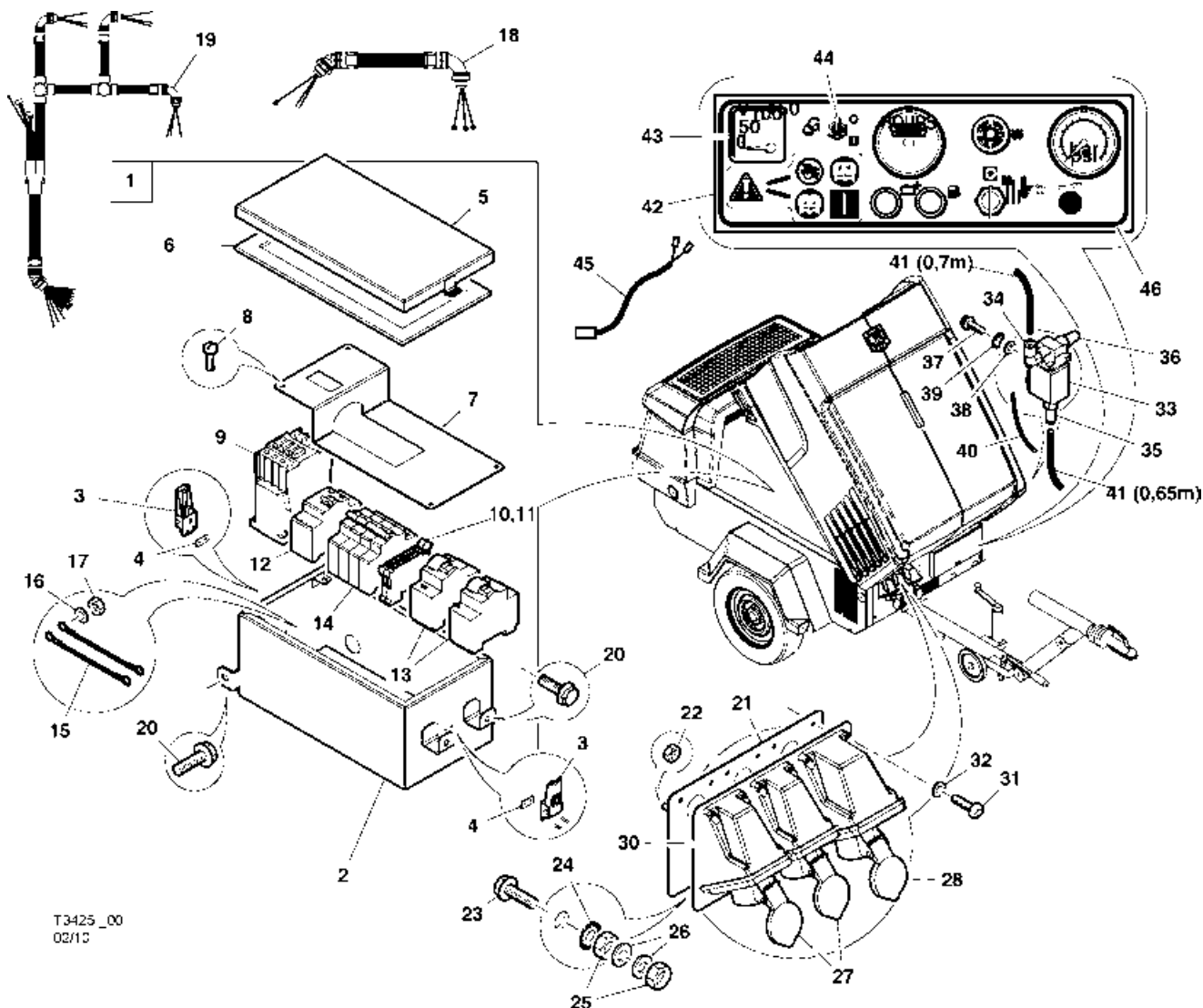


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46551792	1	Component box, assembly 230V	17	96703806	4	Nut
(2-19)				18	46551790	1	Harness, Gen Box 110V, 230V
2	46551760	1	Component box, metal assembly	19	46551754	1	Harness, Comp Box 110V, 230V
(3-4)				20	92096015	3	Screw
3	46551770	2	Latch	21	46551751	1	Cover, front panel 110V
4	46551786	2	Washer	22	96704176	7	Nut
5	46551761	1	Cover, component box with seal	23	92101112	1	Screw
6	46502811	AR	Sealing, cover – 790mm	24	96745229	1	Washer
7	46551795	1	Cover, electrical	25	96735543	2	Nut
8	46552235	4	Screw	26	96701396	2	Washer
9	22499164	1	Contactor, 25A AL26-40-00	27	23229172	2	Socket, 16A/230V
10	92876887	2	Fuseholder, UKS-HESI 6.3A 750V	28	46502100	1	Socket, 32A/230V
11	93478899	2	Fuse, 1A	29	46551776	1	Box, Socket 32A drilled
12	46502142	1	Circuit breaker, RCBO DS971C32/30	30	46551775	2	Box, Socket 16A drilled
13	46501920	2	Circuit Breaker, 2P 16A	31	96714357	9	Screw
14	89205397	2	Terminal, End stop	32	96705165	9	Washer
15	46552196	2	Cable, Steel with PVC coating				
16	92341981	4	Washer				

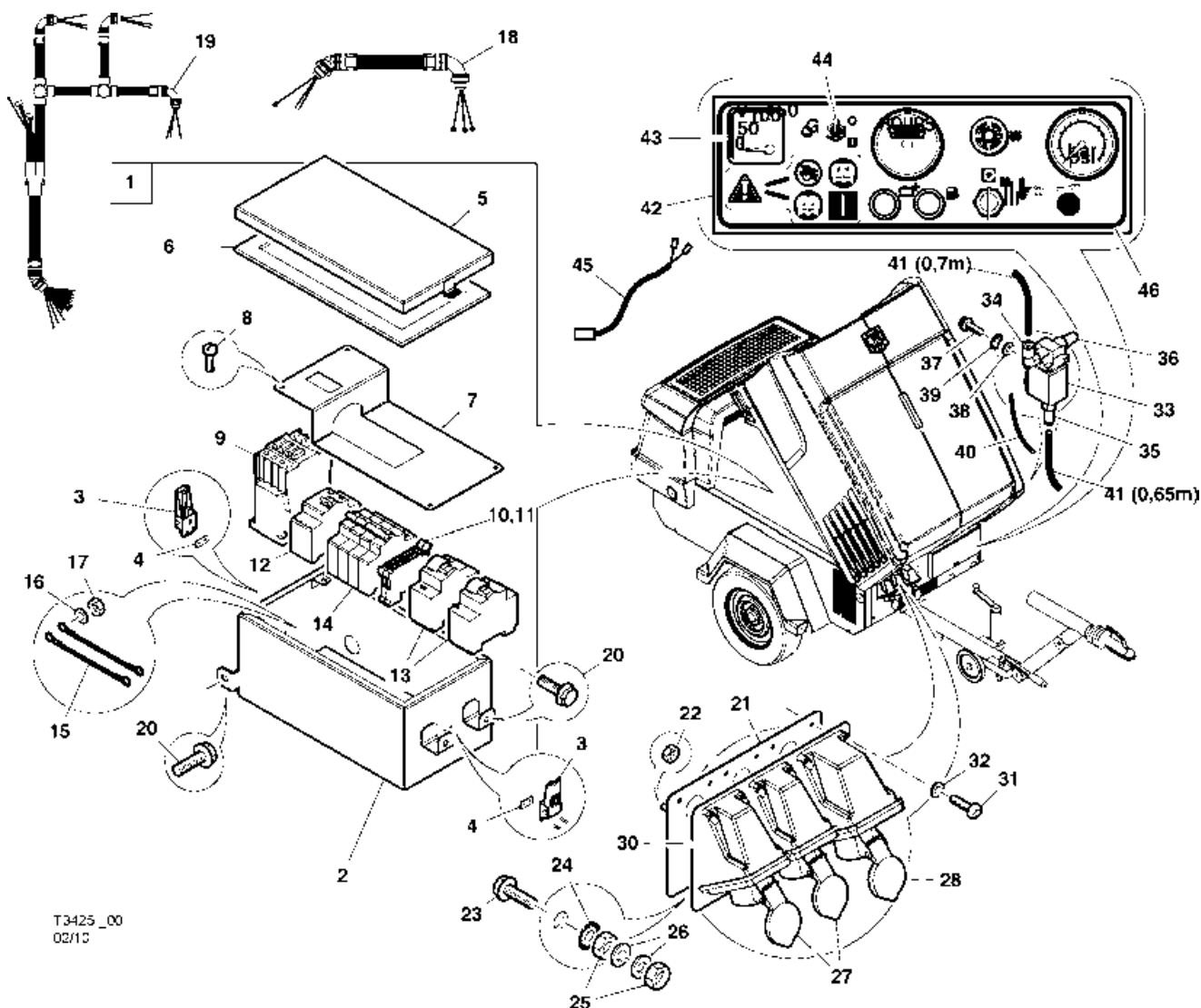


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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
33-36	92856707	1	Valve, solenoid assembly	42-45	22230965	1	Panel, instrument
33	92855675	1	Valve, solenoid 3way	43	89204648	1	Voltmeter, 0-300V
34	54403266	1	Elbow	44	54584511	1	Switch
35	92788900	1	Adaptor	45	54637061	1	Harness, voltmeter
36	92089556	1	Silencer	46	22230825	1	Decal, facia
37	92861442	2	Screw	*47	92950112	1	Decal, 230V – 50Hz
38	92340439	2	Washer	*48	92912559	1	Decal, Earth
39	92340447	2	Washer				* Not illustrated
40	54636261	1	Harness, speed solenoid				
41	92490358	AR	Tube, nylon 6mm				

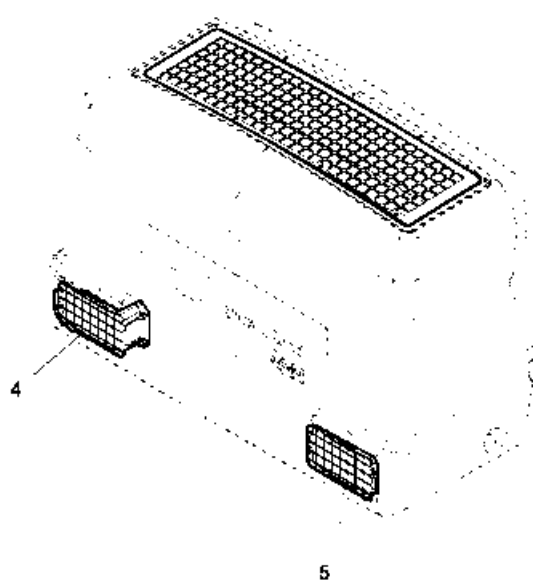
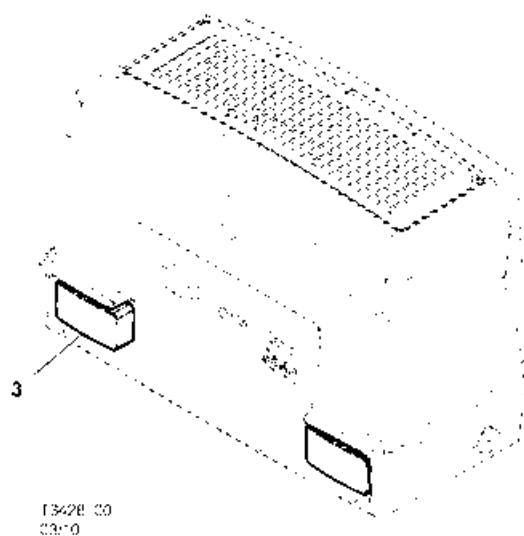
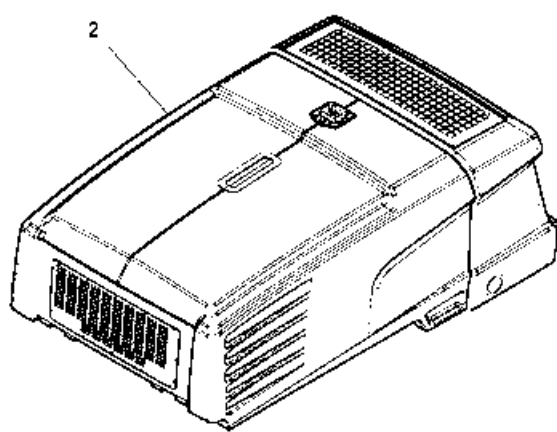
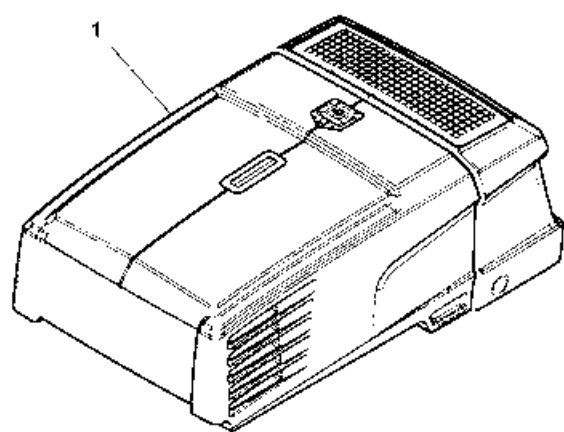


Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1	46551793	1	Component box, assembly 400V/230V	16	92341981	4	Washer
(2-19)				17	96703806	4	Nut
2	46551760	1	Component box, metal assembly	18	46551790	1	Harness, Gen Box 400V/230V
(3-4)				19	46551755	1	Harness, Comp Box 400V/230V
3	46551770	2	Latch	20	92096015	3	Screw
4	46551786	2	Washer	21	46551752	1	Cover, front panel 400V/230V
5	46551761	1	Cover, component box with seal	22	96704176	7	Nut
6	46502811	AR	Sealing, cover – 790mm	23	92101112	1	Screw
7	46551762	1	Cover, electrical	24	96745229	1	Washer
8	46552235	4	Screw	25	96735543	2	Nut
9	22499164	1	Contactor, 25A AL26-40-00	26	96701396	2	Washer
10	92876887	2	Fuseholder, UKS-HESI 6.3A 750V	27	23229172	2	Socket, 16A 5-pin 230V
11	93478899	2	Fuse, 1A	28	46501607	1	Socket, 16A 3-pin 400V
12	46501748	1	RCD Breaker 3 Phase NA 25A/300mA	29	-		
13	89230551	2	Circuit Breaker RCBO 10A2P DS971C10/30	30	46551775	3	Box, Socket 16A drilled
14	46501755	1	Circuit Breaker 3 PHASE 10A/K	31	96714357	9	Screw
15	46552196	2	Cable, Steel with PVC coating	32	96705165	9	Washer

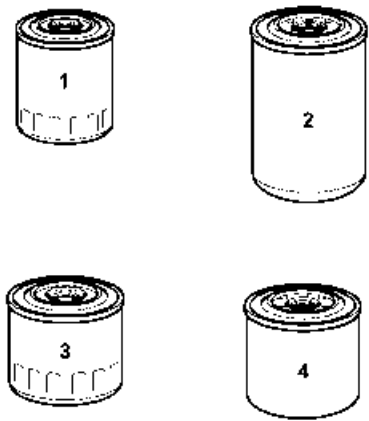
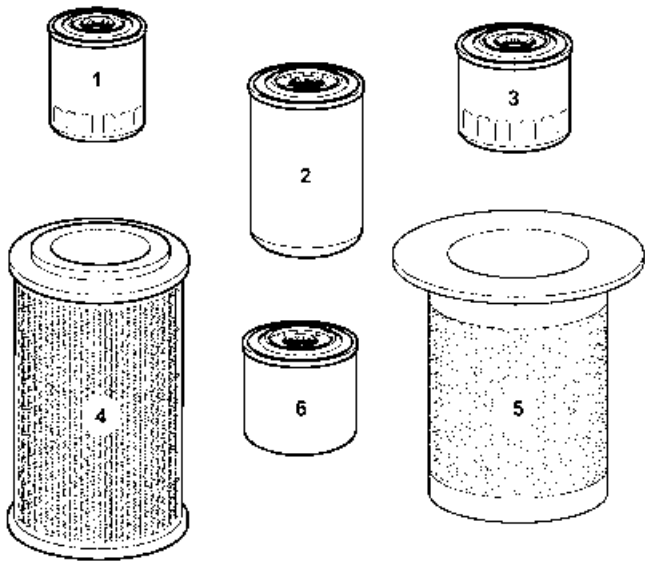


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Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
33-36	92856707	1	Valve, solenoid assembly	42-45	22230791	1	Panel, instrument
33	92855675	1	Valve, solenoid 3way	43	89231005	1	Voltmeter, 0-600V
34	54403266	1	Elbow	44	54584511	1	Switch
35	92788900	1	Adaptor	45	54637061	1	Harness, voltmeter
36	92089556	1	Silencer	46	22230825	1	Decal, facia
37	92861442	2	Screw	*47	92950104	1	Decal, 400V- 50Hz
38	92340439	2	Washer		92950112	1	Decal, 230V - 50Hz
39	92340447	2	Washer	*48	92912559	1	Decal, Earth
40	54636261	1	Harness, speed solenoid				* Not illustrated
41	92490358	AR	Tube, nylon 6mm				

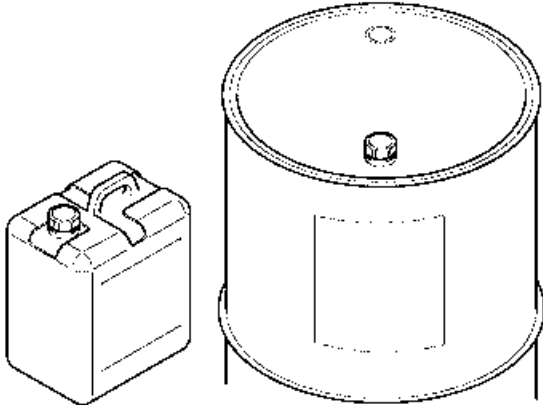
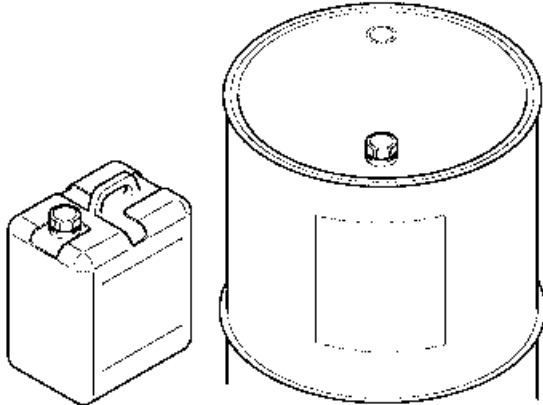


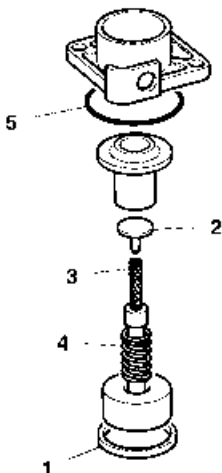
Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
**1	46553235	1	Retro-fit Kit, PE canopy	3	46553286	1	Retro-fit Kit, lights RHD for PE canopy
	46553312	1	Retro-fit Kit, PE canopy Generator option #####		46553287	1	Retro-fit Kit, lights LHD for PE canopy
**2	46553311	1	Retro-fit Kit, PE canopy A/C	4	46551779	1	Grill, rear lights LH
	46553314	1	Retro-fit Kit, PE canopy A/C Generator option #####	5	46552100	1	Grill, rear lights RH
				**	Colour specification is required when ordering.		

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
 T3429B				 T3429A			
1-3	80025786	1	KIT - 500 HOUR	1-5	80023955	1	KIT - 1000 HOUR
1	22226351	1	Element, oil filter (engine)	1	22226351	1	Element, oil filter (engine)
2	36897353	1	Element, oil filter (airend)	2	36897353	1	Element, oil filter (airend)
3	22226369	1	Element, fuel filter (fine)	3	22226369	1	Element, fuel filter (fine)
4	54525530	1	Element, fuel/water separator	4	89232474	1	Element, air filter (engine and airend)
				5	22570691	1	Element, oil separator
				6	54525530	1	Element, fuel/water separator

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FLUIDS

Item	ccn	Qty.	Description	Item	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		22252126	20L	XHP 405 compressor oil
					22252076	20L	XHP 605 compressor oil
				2	89292981	208L	Protec compressor oil
					22252100	208L	XHP 405 compressor oil
					22252050	208L	XHP 605 compressor oil

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
							
1-5	36039527	1	Unloader Overhaul Kit				
1	-	1	'O' Ring				
2	-	1	Clip, retaining				
3	-	1	Spring				
4	-	1	Spring				
5	-	1	Seal				

55 RECOMMENDED PARTS

1 MACHINE/ 1 YEAR					
ccn	Quantity	Description	ccn	Quantity	Description
15895410	4	Nozzle, injector	22903389	1	Cap, fuel filler
15895527	1	Kit, gasket/'O' Ring engine	54596705	1	Element, separator
15897184	1	Plug, oil drain	54748363	1	Valve, blowdown
15897275	1	Diaphragm	54757935	1	Switch, oil pressure
15898182	1	Cap, oil filler	36039501	1	Kit – Gasket/'O' Ring (Airend)
15898570	1	Thermostat	54626452	2	Element, air filter
15899008	1	Fan belt	22453898	1	Orifice, sonic
15899354	1	Gasket, liquid	89284558	1	Fuse 7.5A
22181036	1	Relay, safety unit	89292973	1	Fluid, compressor
22226351	4	Element, oil filter (engine)	89311716	1	Fluid, engine
22226369	4	Element, fuel filter (primary)	92075530	1	Key
22226393	1	Solenoid, stop (engine)	92076713	1	Relay
22237937	1	Cap, radiator	92086719	1	Key-switch
22245468	1	Timer, unit	92294461	1	Valve, hand
22245492	1	Relay, timer	92306901	1	Hourmeter
35300615	1	Indicator, air restriction	92549369	1	Orifice, silencer
15898059	1	Switch, water temperature	92762756	1	Switch, temperature
35355106	1	Regulator, pressure	92790187	1	Gauge, pressure
35596436	1	Switch, temperature (airend)	92969914	1	Diode assembly
36897353	4	Element, oil filter (airend)	93159655	1	Valve, safety
54493085	1	Ball-joint	93174175	1	Valve, check
54525530	4	Element, water separator	93466381	1	Light, indicator

1 MACHINE/ 2 YEARS

ccn	Quantity	Description	ccn	Quantity	Description
36039501	1	KIT – GASKET/'O' RING (Airend)	92293661	1	'O' Ring
15898331	1	Gasket, exhaust	22690788	1	'O' Ring
35279942	1	'O'Ring, filler plug	92788926	1	'O' Ring
35375369	1	Lipseal, driveshaft	93531606	1	'O' Ring
35376359	1	Seal, unloader	95022331	1	'O' Ring, driveshaft seal cover
39404165	1	'O' Ring, temperature switch	95023107	1	'O' Ring, unloader
92290162	1	Seal, safety valve	95023115	1	'O' Ring, rear bearing cover

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 60m Length	3/4"	19	30	225	675	0.580
89310718 15m length fitted	3/4"	19	30	225	675	0.580
92737840 4m length fitted	3/4"	19	30	225	675	0.580
92047331 60m Length	1"	25	36	225	675	0.830
92112226 15m length fitted	1"	25	36	225	675	0.830
92737857 4m length fitted	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.

Item	ccn	Qty.	Description	Item	ccn	Qty.	Description
1 2 3 T3244_00 09/10/19				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)	6			Air line lubricator
	92178524		3/4" BSP (19mm)		35364306		3/4" NPT 1/3pt (0.18 Litres)
	92083021		1" BSP (25mm)		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.			

59 SERVICE TOOLS

The following list of special service tools are recommended to perform service and trouble shooting procedures in this manual. These tools can be purchased through Doosan Infracore Portable Power.

ccn	Description	Use
22216691	Digital Multimeter (Fluke 87)	Used to measure electrical circuits: Volts, Amps, Ohms.
22216733	Fluke Meter Case	Storage Case for Fluke meter and test leads.
22216709	Fluke Test Lead Set	Contains needle probes, alligator clips, and test leads.
22216725	Fluke Wire Insulation Piercing Probe	Used to pierce wire insulation when making electrical measurements.
22147540	Kit, Test Adapters	Used to interconnect between devices and harness for electrical measurements.
22281588	T-Handle Hex Wrench 5/32"	Used to remove WEDGE, Caterpillar ECM, and Cummins ECM connectors.
22282107	Screw Driver Hex 5/32"	Used to remove WEDGE, Caterpillar ECM, and Cummins ECM connectors.
22282172	Flex Driver 3/4"	Used to remove John Deere ECM connector.
54740675	RS232 Heavy Duty Serial Cable	Used for communication connection to Doosan controllers.
54699640	Deutsch Terminal Removal Tool Size 20	Used to remove Deutsch size 20 terminals from connectors.
54699632	Deutsch Terminal Removal Tool Size 16	Used to remove Deutsch size 16 terminals from connectors.
46490942	Deutsch Terminal Removal Tool Size 14	Used to remove Deutsch size 14 terminals from connectors.
54699624	Deutsch Terminal Removal Tool Size 12	Used to remove Deutsch size 12 terminals from connectors.
54699616	Deutsch Terminal Removal Tool Size 8	Used to remove Deutsch size 8 terminals from connectors.
54699657	Deutsch Wedgelock and Terminal Removal Tool	Used to remove Deutsch DT style connector wedgelocks and terminals.
22146393	Kit, Deutsch Terminal Removal Tool Size 20 Through 8	Used to remove Deutsch size 20 through 8 terminals from connectors.
22216667	Deutsch Terminal Crimp Tool	Used to crimp Deutsch connector terminals.
54729660	Packard Weather-Pack Terminal Removal Tool	Used to remove Packard Weather-Pack connector terminals.
54749643	Packard Metri-Pack Terminal Removal Tool	Used to remove Packard Metri-Pack connector terminals.
46490959	Packard Metri-Pack Terminal Removal Tool	Used to remove Packard Metri-Pack connector terminals.
22254734	Packard Weather-Pack Terminal Crimp Tool	Used to crimp Packard Weather-Pack connector terminals.
22216683	Packard Metri-Pack Terminal Crimp Tool	Used to crimp Packard 150 and 280 series connector terminals.
22255947	Packard Metri-Pack Terminal Crimp Tool	Used to crimp Packard 150 series pull-to-seat connector terminals.
46490967	Packard Metri-Pack Terminal Crimp Tool	Used to crimp Packard 150-GT series connector terminals.
46490975	Packard Metri-Pack Terminal Crimp Tool	Used to crimp Packard 630 series connector terminals.
54749544	RTD Simulator	Used to troubleshoot RTD type temperature sensor problems.
54749551	Thermistor Simulator	Used to troubleshoot Thermistor type temperature sensor problems.
22073878	Thermistor Simulator	Used to troubleshoot Thermistor type temperature sensor problems.
22168868	Pressure Transducer Simulator	Used to troubleshoot pressure sensor problems.
54729710	Electrical Contact Cleaner	Used to clean electrical terminals and connectors.
22409114	Electrical Grease	Used to prevent corrosion in connector terminals.
46491338	Molex 1.5 Terminal Crimp Tool	Used to crimp Molex CMC 1.5 series connector terminals.
46491346	Molex 0.6 Terminal Crimp Tool	Used to crimp Molex CMC 0.6 series connector terminals.
46491653	Molex 1.5 Terminal Removal Tool	Used to remove Molex CMC connector terminals.
46491361	Molex 0.6 Terminal Removal Tool	Used to remove Molex CMC connector terminals.
46491320	AMP Ampseal Terminal Crimp Tool	Used to crimp Ampseal series connector terminals.

The following is a list of harness connector repair kits that can be purchased through Doosan Portable Power to service or repair the most common used connectors.

ccn	Kit	Description
46490983	Kit, Deutsch Connector Repair	Assortment of Deutsch connectors and terminals.
22252969	Kit, Wire Terminal Repair	Assortment of ring and quick disconnect terminals.
22254775	Kit, Fuses	Assortment of ATC and ATM style fuses.
22253017	Kit, Adhesive Lined Heat Shrink	Assortment of adhesive lined heat shrink sizes.
22252993	Kit, WEDGE Connector Repair	Used to repair WEDGE connector and terminals.
46491296	Kit, Packard Connector Repair	Assortment of Packard connectors and terminals.
46491304	Kit, Caterpillar C9, C15, and C18 Engine ECM Connector Repair	Used to repair engine ECM connector and terminals.
46491312	Kit, OTC and AutoStart Controller Connector Repair	Used to repair 23 way controller connector and terminals.
46491411	Kit, John Deere and Yanmar Tier 3 Engine ECM Connector Repair	Used to repair engine ECM connector and terminals.
46491429	Kit, Cummins QSX15 Engine ECM Connector Repair	Used to repair engine ECM connector and terminals.
46491502	Kit, SECU and Mote Controller Connector Repair	Used to repair 35 way controller connector and terminals.
46491569	Kit, Cummins OSL9 and QSC 8.3 Engine ECM Connector Repair	Used to repair engine ECM connector and terminals.

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