

DT06-4S
A426055^{*4/4}
-X12#1
+Branch

+Air filter
-X1#1
A426302^{1/1}
926539-6
-X2#1
A426302^{1/1}
926539-6

+Reverse buzzer
-X6#1^{*2/2}
A426106
282080-1

+Charged air cooler
-X3#1^{*2/2}
A426054
DT06-2S

+GND RF
-X7#1^{1/1}
A433736
PK 16-8

+PDU
-A1.X2#1^{*3/1/31}
A436655
1-1564297-6

+Fuel filter
-X4#1^{*2/2}
A432314
6189-0388

+Resistor
-X10#1^{*3/3}
A426047
DT04-3P

+Fuel sensor
-X5#1^{*4/4}
A426107
282088-1

85083-0300
A432269^{*6/66}
-A2.X1#1
+MECU

-E1
A439870
+Grid heater
-X8#1^{1/1}
A432668
VA01-0046

+MECU
-X11#1^{1/1}
A427636
VA01-0034

created with **series**
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						Repl. by




Name
**Wire harness, Kohler Stage V,
engine side**

Need to buy	HLA
Drawing number	Location
A433633	Revision A
Sheet 2	9 Sh.

BILL OF MATERIAL

POS.	QUANTITY	AVANT CODE	DESCRIPTION	MANUFACTURER	MANUFACTURER TYPE	DEVICE NAMES
1	1	A426047	Connector DT Series; 3 positions; receptacle	DEUTSCH	DT04-3P	+Resistor-X10
2	1	A426054	Deutsch DT06-2S	Deutsch	DT06-2S	+Charged air cooler-X3
3	1	A426055		DEUTSCH	DT06-4S	+Branch-X12
4	1	A426106	AMP Superseal 1,5 Series Connector, Plug, 2 female pins, IP67	TE CONNECTIVITY	282080-1	+Reverse buzzer-X6
5	1	A426107	AMP Superseal 1,5 Series Connector, Plug, 4 female pins, IP67	TE CONNECTIVITY	282088-1	+Fuel sensor-X5
6	3	A426172	DTxx Crimp contact male AWG14-16	DEUTSCH	1060-16-0122-PS	+Resistor-X10(3)
7	6	A426292	Contact socket (female) element for AMP Superseal 1,5 Series Connector, Tin plated, Wire: 0.75-1.5mm2, Insulation diameter: 1.8-3.3mm	TE CONNECTIVITY	183025-1	+Fuel sensor-X5(4),+Reverse buzzer-X6(2)
8	2	A426301	Pin contact for AMP 926539-6	AMP	5-160506-2	+Air filter-X1,+Air filter-X2
9	2	A426302	926539-6	AMP	926539-6	+Air filter-X1,+Air filter-X2
10	1	A427636	Ouneva M6 6mm2 suora Cu	Ouneva	VA01-0034	+MECU-X11
11	27	A431914	Hylsykontakti AMP 1-968851-1 1,5-2mm2, tinattu	AMP	1-968851-1	+PDU-A1.X2(27)
12	1	A432269	SRC hybridiliitin hylsyrunko 66-nap	Molex	85083-0300	+MECU-A2.X1
13	1	A432314	Hylsyrunko 2-nap, harmaa	Sumitomo	6189-0388	+Fuel filter-X4
14	2	A432315	Hylsykontakti 0,5-1,25mm2	Sumitomo	8100-0461	+Fuel filter-X4(2)
15	6	A432362	MX150L pinnakontakti 4,0-6,0mm2	Molex	19431-0016	+MECU-A2.X1(6)
16	60	A432363	MX150 pinnakontakti 0,75-1,0mm2	Molex	33000-0002	+MECU-A2.X1(60)
17	1	A432668	Ouneva M6 10mm2 suora Cu	Ouneva	VA01-0046	+Grid heater-X8
18	1	A433087	Päätevastus 120ohm	TE Connectivity	DT06-3S-P006	+Resistor-R1
19	1	A433736	Ouneva M8 16mm2 suora Cu	Ouneva	PK 16-8	+GND RF-X7
20	1	A436655	Hylsyrunko 31-nap, Leavyseal	TE Connectivity	1-1564297-6	+PDU-A1.X2
21	4	A436725	Pinni, pistokeliitin, hylsykontakti	TE Connectivity	1241418-4	+PDU-A1.X2(4)
22	1	A436774	Haarotusliitin DT, yhdessä 1-4	TE Connectivity	DT04-4P-EP13	+Branch-XB12
23	1	A439870	Suojainpiippu d16/7, punainen PVC	CIAM	3010601	-E1
24	4	DT-C-B-AWG14-16		DEUTSCH	DT-C-B-AWG14-16	+Branch-X12(4)
25	3630	Standard-1.0-BN				
26	5300	Standard-1.0-BU				
27	5160	Standard-1.0-GN				
28	3230	Standard-1.0-RD				
29	6570	Standard-1.0-WH				
30	1480	Standard-1.0-YE				
31	2960	Standard-1.5-BN				
32	1550	Standard-1.5-BU				
33	4450	Standard-1.5-RD				
34	1030	Standard-2.5-BU				
35	2110	Standard-2.5-RD				
36	1480	Standard-4.0-RD				
37	3000	Standard-6.0-BU				
38	3360	Standard-6.0-RD				

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Revision letter	Description	Date of change	Changed by	date	Drawn by	Referenced in	Repl. f.	Repl. by	Name	Need to buy	HLA	Location	Drawing number	Revision	Sheet
									Wire harness, Kohler Stage V, engine side				A433633	A	3
															9 Sh.



WIRING LIST FOR HARNESS

HARNESS / CABLE	FROM				TO				WIRE					
	DEVICE NAME	PIN	CON. PIN TERM. (CPT)	MANUF. TYPE (CPT)	DEVICE NAME	PIN	CON. PIN TERM. (CPT)	MANUF. TYPE (CPT)	NAME	TYPE	COLOUR	CROSS-SECTION	TWISTED PAIR	LENGTH [mm]
-W1	+Fuel sensor-X5	3	A426292	183025-1	+MECU-A2.X1	F4	A432363	33000-0002	1	Standard-1.0-	Green	1.00 mm²		1050
-W1	+MECU-A2.X1	E9	A432363	33000-0002	+Fuel filter-X4	2	A432315	8100-0461	2	Standard-1.0-	White	1.00 mm²		650
-W1	+MECU-A2.X1	E2	A432363	33000-0002	+Air filter-X1	1	A426301	5-160506-2	3	Standard-1.0-	Brown	1.00 mm²		2100
-W1	+GND RF-X7	1			+Fuel filter-X4	1	A432315	8100-0461	4	Standard-1.0-	Blue	1.00 mm²		1150
-W1	+GND RF-X7	1			+Air filter-X2	1	A426301	5-160506-2	5	Standard-1.0-	Blue	1.00 mm²		1000
-W1	+MECU-A2.X1	A1	A432362	19431-0016	+GND RF-X7	1			6	Standard-6.0-	Blue	6.00 mm²		1500
-W1	+GND RF-X7	1			+MECU-A2.X1	A2	A432362	19431-0016	7	Standard-6.0-	Blue	6.00 mm²		1500
-W1	+MECU-A2.X1	D7	A432363	33000-0002	+PDU-A1.X2	20	A431914	1-968851-1	8	Standard-1.0-	Green	1.00 mm²		1480
-W1	+MECU-A2.X1	C10	A432363	33000-0002	+PDU-A1.X2	25	A431914	1-968851-1	9	Standard-1.5-	Brown	1.50 mm²		1480
-W1	+PDU-A1.X2	14	A431914	1-968851-1	+MECU-A2.X1	G1	A432362	19431-0016	10	Standard-2.5-	Red	2.50 mm²		1480
-W1	+Branch-X12	3	DT-C-B-AWG14-16	DT-C-B-AWG14-16	+PDU-A1.X2	10	A431914	1-968851-1	11	Standard-1.5-	Red	1.50 mm²		630
-W1	+Branch-X12	2	DT-C-B-AWG14-16	DT-C-B-AWG14-16	+PDU-A1.X2	12	A431914	1-968851-1	12	Standard-1.5-	Red	1.50 mm²		630
-W1	+Branch-X12	4	DT-C-B-AWG14-16	DT-C-B-AWG14-16	+PDU-A1.X2	7	A431914	1-968851-1	13	Standard-1.5-	Red	1.50 mm²		630
-W1	+MECU-A2.X1	C12	A432363	33000-0002	+Branch-X12	1	DT-C-B-AWG14-16	DT-C-B-AWG14-16	14	Standard-1.0-	Red	1.00 mm²		1750
-W1	+PDU-A1.X2	23	A431914	1-968851-1	+MECU-A2.X1	C8	A432363	33000-0002	15	Standard-1.0-	Red	1.00 mm²		1480
-W1	+PDU-A1.X2	3	A436725	1241418-4	+Charged air cooler-X3	1			16	Standard-2.5-	Red	2.50 mm²		630
-W1	+GND RF-X7	1			+Charged air cooler-X3	2			17	Standard-2.5-	Blue	2.50 mm²		650
-W1	+PDU-A1.X2	1	A436725	1241418-4	+MECU-A2.X1	G2	A432362	19431-0016	18	Standard-4.0-	Red	4.00 mm²		1480
-W1	+MECU-A2.X1	C11	A432363	33000-0002	+MECU-X11	1			19	Standard-1.0-	Blue	1.00 mm²		1050
-W1	+PDU-A1.X2	9	A431914	1-968851-1	+MECU-A2.X1	D8	A432363	33000-0002	20	Standard-1.0-	White	1.00 mm²		1480
-W1	+PDU-A1.X2	24	A431914	1-968851-1	+MECU-A2.X1	C9	A432363	33000-0002	21	Standard-1.0-	White	1.00 mm²		1480
-W1	+PDU-A1.X2	13	A431914	1-968851-1	+MECU-A2.X1	B6	A432363	33000-0002	22	Standard-1.0-	White	1.00 mm²		1480
-W1	+MECU-A2.X1	F5	A432363	33000-0002	+Fuel sensor-X5	2	A426292	183025-1	23	Standard-1.0-	Blue	1.00 mm²		1050
-W1	+PDU-A1.X2	6	A431914	1-968851-1	+MECU-A2.X1	F12	A432363	33000-0002	24	Standard-1.5-	Brown	1.50 mm²		1480
-W1	+Fuel sensor-X5	1	A426292	183025-1	+PDU-A1.X2	5	A431914	1-968851-1	25	Standard-1.5-	Red	1.50 mm²		1530
-W1	+PDU-A1.X2	4	A436725	1241418-4	+Grid heater-X8	1			26	Standard-6.0-	Red	6.00 mm²		1680
-W1	+Reverse buzzer-X6	1	A426292	183025-1	+PDU-A1.X2	28	A431914	1-968851-1	27	Standard-1.5-	Red	1.50 mm²		1030
-W1	+PDU-A1.X2	21	A431914	1-968851-1	+PDU-A1.X2	11	A431914	1-968851-1	28	Standard-1.0-	Brown	1.00 mm²		50
-W1	+Reverse buzzer-X6	2	A426292	183025-1	+GND RF-X7	1			29	Standard-1.0-	Blue	1.00 mm²		1050


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						Repl. f.		Location				
						Repl. by						

WIRING LIST FOR HARNESS

HARNESS / CABLE	FROM				TO				WIRE					
	DEVICE NAME	PIN	CON. PIN TERM. (CPT)	MANUF. TYPE (CPT)	DEVICE NAME	PIN	CON. PIN TERM. (CPT)	MANUF. TYPE (CPT)	NAME	TYPE	COLOUR	CROSS-SECTION	TWISTED PAIR	LENGTH [mm]
-W1	+GND RF-X7	1			+PDU-A1.X2	27	A431914	1-968851-1	30	Standard-2.5-	Blue	2.50 mm ²		380
										BU				
-W1	+Fuel sensor-X5	3	A426292	183025-1	+Resistor-X10	1	A426172	1060-16-0122-PS	31	Standard-1.0-	Green	1.00 mm ²		550
										GN				
-W1	+Resistor-X10	2	A426172	1060-16-0122-PS	+MECU-A2.X1	F2	A432363	33000-0002	32	Standard-1.0-	Green	1.00 mm ²		600
										GN				
-W1	+Grid heater-X8	1			+PDU-A1.X2	2	A436725	1241418-4	33	Standard-6.0-	Red	6.00 mm ²		1680
										RD				
-W1	+GND RF-X7	1			+MECU-X11	1			34	Standard-1.5-	Blue	1.50 mm ²		1550
										BU				
-W1	+MECU-A2.X1	D2	A432363	33000-0002	+PDU-A1.X2	29	A431914	1-968851-1	50	Standard-1.0-	Yellow	1.00 mm ²	J1939	1480
										YE				
-W1	+PDU-A1.X2	26	A431914	1-968851-1	+MECU-A2.X1	D1	A432363	33000-0002	51	Standard-1.0-	Green	1.00 mm ²	J1939	1480
										GN				
-W1	+PDU-A1.X2	31	A431914	1-968851-1	+MECU-A2.X1	D12	A432363	33000-0002	52	Standard-1.0-	White	1.00 mm ²	ISO 15765	1480
										WH				
-W1	+PDU-A1.X2	30	A431914	1-968851-1	+MECU-A2.X1	D11	A432363	33000-0002	53	Standard-1.0-	Brown	1.00 mm ²	ISO 15765	1480
										BN				

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						Repl. by						