



BOSCH		1928405452				DEUTSCH		HDP26-24-21SE				DEUTSCH		DT06-2S-CE06		TYCO		936248-2		DELPHI		15300027		SUMITOMO		6189-0443		DEUTSCH		DT06-6S-CE02		DELPHI		15336763		DELPHI		15336763									
ECU_V (ECU_V)						CONTROL PANEL (CONT PANEL)						GLOW PLUG (GLOW)		START SOLENOID (START SOL)		E-FEED PUMP (E-FEED)		MAIN RELAY (MAIN RE)		GLOW RELAY (GLOW RE)		E-FEED RELAY (E-FEED RE)		START RELAY (START RE)																							
WIRE-COVER		BOSCH_1928405458				RUBBER BOOT		DEUTSCH HD30-24BT-BK				RUBBER CAP		BLACK		RUBBER CAP		BLACK		WIRE-COVER		DEUTSCH_1011-255-0205		RELAY		SONG CHUAN 897-1AH-C1S-R1-T 12VDC		RELAY		SONG CHUAN 897-1AH-C1S-R1-T 12VDC		RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC		RELAY		SONG CHUAN 897-1AH-C1S-R1-T 12VDC									
S/LOCK		BOSCH_1928405454, 1928405074																																													
KET		MG612017-5		LITTLE FUSE		OL-PDM33000ZXM		LITTLE FUSE		FHJC1002G		LITTLE FUSE		FHJC1002G		DEUTSCH		DT04-12PA-C015		DEUTSCH		DT06-2S-CE06		DEUTSCH		DT06-6S-CE02		DEUTSCH		DT06-6S-CE02		DEUTSCH		DT06-6S-CE02		DELPHI		15300027		TYCO		936059-1		DEUTSCH		DT06-2S-CE06	
FFHS RELAY (FFHS RE)		FUSE CONN (FUSE CONN)		GLOW FUSE (GLOW FUSE)		FFHS FUSE (FFHS FUSE)		INTER2_DPF (INT2_DPF)		INTER3_IAT (INT3_IAT)		INTER4_REGEN (INT4_REGEN)		INTER5_PEDAL (INT5_PEDAL)		INTER6 (INT6)		FUEL FILTER HEATER SENSOR2 (FFHS2)		ENV TEMP SENSOR (ENV)		UREA TANK COOLANT VALVE (UREA)																									
RELAY		SONG CHUAN 897-1AH-C1S-R1-T 12VDC		FUSE ASS'Y		MINI FUSE 30A:1EA MINI FUSE 25A:1EA MINI FUSE 20A:1EA MINI FUSE 15A:1EA MINI FUSE 10A:1EA MINI FUSE 7.5A:1EA		FUSE		JCASE 50A		FUSE		JCASE 50A		WIRE-COVER		DEUTSCH_1011-249-1205		WIRE-COVER		DEUTSCH_1011-255-0205		WIRE-COVER		DEUTSCH_1011-267-0605		WIRE-COVER		DEUTSCH_1011-267-0605		WIRE-COVER		-		WIRE-COVER		TYCO 936111-1		WIRE-COVER		DEUTSCH_1011-255-0205					
																		DUST CAP		DEUTSCH_1011-347-0605		DUST CAP		DEUTSCH_1011-347-0605																							
TYCO		1-967325-1		TYCO		936059-1		TYCO		936059-1		TYCO		936059-1		DEUTSCH		DT04-12PA-C015		DEUTSCH		DT04-12PB-C015		TYCO		1-1703639-1		KET		MG640927-5		KET		MG612017-5		KET		MG640927-5		KET		MG640927-5		KET		MG640927-5	
DEF TANK (DEFT)		PRESS LINE HOSE HEATER (PLHH)		SUCTION LINE HOSE HEATER (SLHH)		BACKFLOW LINE HOSE HEATER (BLHH)		INTER7_ENG1 (INT7_ENG1)		INTER8_ENG2 (INT8_ENG2)		SUPPLY MODULE (SUPPLY)		SCR MAIN RELAY (SCR RE)		HEATER HS RELAY (HEAT RE)		SUPPLY MODULE HEATER RELAY (SMH RE)		PRESS HOSE HEATER RELAY (PHH RE)		SUCTION HOSE HEATER RELAY (SHH RE)																									
WIRE-COVER		TYCO_185792		WIRE-COVER		TYCO 936111-1		WIRE-COVER		TYCO 936111-1		WIRE-COVER		TYCO 936111-1		WIRE-COVER		TYCO_1563111-1		RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC		RELAY		SONG CHUAN 897-1AH-C1S-R1-T 12VDC		RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC		RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC		RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC		RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC					
KET		MG640927-5																																													
BACKFLOW HOSE HEATER RELAY (BHH RE)																																															
RELAY		SONG CHUAN 896H-1CH-C1S-R1 12VDC																																													

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CIRCUIT													CIRCUIT												
WIRE SIZE	COLOR	INSULATION	CIRCUIT DESCRIPTION		FROM	PIN	PLATE	TO		PIN	PLATE	REMARK	WIRE SIZE	COLOR	INSULATION	CIRCUIT DESCRIPTION		FROM	PIN	PLATE	TO		PIN	PLATE	REMARK
0.75	G	FLR91X-A T01	CAN1 HIGH		ECU V	30		SP_06					5.00	R	FLR7Y-A	V V BAT GLOW RELAY		SP_04			GLOW FUSE		2		FUSE 50A
0.75	W	FLR91X-A T01	CAN1 LOW		ECU V	31		SP_13					5.00	R	FLR7Y-A	V V BAT GLOW RELAY		BAT+	1		GLOW FUSE		1		FUSE 50A
0.75	G	FLR91X-A T02	CAN1 HIGH		SP_06			CONTROL PANEL		V			1.50	L	FLR91X-A	OSEFPR		E-FEED RELAY	85		ECU V		40		
0.75	W	FLR91X-A T02	CAN1 LOW		SP_13			CONTROL PANEL		U			1.50	L	FLR91X-A	V V BAT		E-FEED RELAY	86		SP_05				
0.75	W	FLR91X-A T03	CAN2 LOW		ECU V	80		SP_07					1.50	R	FLR91X-A	E-FEED PUMP		E-FEED RELAY	87		E-FEED PUMP		1		
0.75	G	FLR91X-A T03	CAN2 HIGH		ECU V	81		SP_14					1.50	R	FLR91X-A	V V BAT		E-FEED RELAY	30		SP_05				
0.75	W	FLR91X-A T04	CAN2 LOW		SP_07			CONTROL PANEL		K			1.50	B	FLR91X-A	G G BAT		SP_10			E-FEED PUMP		2		
0.75	G	FLR91X-A T04	CAN2 HIGH		SP_14			CONTROL PANEL		L			5.00	B	FLR7Y-A	G G BAT		BAT-	1		SP_10				
0.75	O	FLR91X-A	INLET AIR TEMP SIG		ECU V	76		INTER3 IAT		1			1.50	R	FLR91X-A	V V BAT EPEED RELAY		SP_05			FUSE CONN		3		FUSE 10A
0.75	B	FLR91X-A	INLET AIR TEMP GND		ECU V	87		INTER3 IAT		2			1.50	R	FLR91X-A	V V BAT EPEED RELAY		SP_01			FUSE CONN		4		FUSE 10A
0.75	R	FLR91X-A	DPF PWR		ECU V	42		INTER2 DPF		5			0.75	G	FLR91X-A T05	CAN1 HIGH		DIAGNOSE	3		SP_06				
0.75	B	FLR91X-A	DPF GND		ECU V	15		INTER2 DPF		6			0.75	W	FLR91X-A T05	CAN1 LOW		DIAGNOSE	4		SP_13				
0.75	V	FLR91X-A	DPF SIG		ECU V	16		INTER2 DPF		7			0.75	W	FLR91X-A T06	CAN2 LOW		DIAGNOSE	6		SP_07				
0.75	L	FLR91X-A	DPF TEMP SIG		ECU V	47		INTER2 DPF		8			0.75	G	FLR91X-A T06	CAN2 HIGH		DIAGNOSE	5		SP_14				
0.75	B	FLR91X-A	DPF TEMP GND		ECU V	50		INTER2 DPF		9			1.50	B	FLR91X-A	G G BAT		DIAGNOSE	2		SP_03				
0.75	Y	FLR91X-A	I_A WFLS		ECU V	44		WIF		1			1.50	R	FLR91X-A	V V BAT		DIAGNOSE	1		SP_01				
0.75	O	FLR91X-A	G_R WFLS		ECU V	48		WIF		2			0.75	W	FLR91X-A	IGNITION SWITCH		ECU V	75		FUSE CONN		7		FUSE 15A
0.75	Brn	FLR91X-A	G_R FTS		ECU V	32		FUEL FILTER TEMP SENSOR		1			0.75	W	FLR91X-A	IGNITION SWITCH		SP_09			FUSE CONN		8		FUSE 15A
0.75	Gra	FLR91X-A	I_A FTS		ECU V	28		FUEL FILTER TEMP SENSOR		2			2.00	Y	FLR91X-A	ECU ENABLE		SP_09			CONTROL PANEL		G		
2.50	R	FLR91X-B	V V BAT1		ECU V	1		SP_01					0.75	G	FLR91X-A	I S MREGSW		ECU V	11		INTER4 REGEN		2		
2.50	R	FLR91X-B	V V BAT2		ECU V	3		SP_01					0.75	W	FLR91X-A	I S REGINH		ECU V	10		INTER4 REGEN		3		
2.50	R	FLR91X-B	V V BAT3		ECU V	5		SP_01					0.75	G	FLR91X-A	I S MREGSW		SP_05			INTER4 REGEN		4		
3.00	R	FLR7Y-A	V V BAT		SP_01			MAIN RELAY		87			0.75	W	FLR91X-A	I S REGINH		SP_05			INTER4 REGEN		5		
3.00	R	FLR7Y-A	V V BAT		SP_02			MAIN RELAY		30			0.75	B	FLR91X-A	G G BAT1		SP_03			INTER4 REGEN		6		
0.75	W	FLR91X-A	V V BAT		SP_02			MAIN RELAY		86			5.00	R	FLR7Y-A	V V BAT		BAT+	1		SP_08				
0.75	W	FLR91X-A	OSMAINRELY		ECU V	88		MAIN RELAY		85			2.00	R	FLR91X-A	V V BAT		CONTROL PANEL	B		SP_08				
2.50	R	FLR91X-B	V V BAT MAIN RELAY		SP_02			FUSE CONN		1		FUSE 25A	2.00	G	FLR91X-A	START SOLENOID		CONTROL PANEL	D		START RELAY		86		
2.50	R	FLR91X-B	V V BAT MAIN RELAY		SP_08			FUSE CONN		2		FUSE 25A	2.00	B	FLR91X-A	G G BAT		SP_11			START RELAY		85		
2.50	B	FLR91X-B	G G BAT1		ECU V	2		SP_03					2.50	R	FLR91X-B	V V BAT		START RELAY	30		FUSE CONN		5		FUSE 30A
2.50	B	FLR91X-B	G G BAT2		ECU V	4		SP_03					2.50	R	FLR91X-B	V V BAT		SP_08			FUSE CONN		6		FUSE 30A
2.50	B	FLR91X-B	G G BAT3		ECU V	6		SP_03					2.50	R	FLR91X-B	V V BAT		START RELAY	87		START SOLENOID		1		
0.75	R	FLR91X-A	V V 5VAPP1		ECU V	41		INTER5 PEDAL		1			2.00	B	FLR91X-A	G G BAT		CONTROL PANEL	E		SP_11				
0.75	W	FLR91X-A	I_A APP1		ECU V	25		INTER5 PEDAL		2			0.75	O	FLR91X-A	COMMON ALARM O/P		CONTROL PANEL	R		INTER6		4		
0.75	B	FLR91X-A	G_R APP1		ECU V	24		INTER5 PEDAL		3			0.75	L	FLR91X-A	FUEL LEVEL(RESISTIVE)		CONTROL PANEL	W		INTER6		3		
0.75	R	FLR91X-A	V V 5VAPP2		ECU V	7		INTER5 PEDAL		4			0.75	Y	FLR91X-A	AUX INPUT(RESISTIVE)		CONTROL PANEL	X		INTER6		5		
0.75	Y	FLR91X-A	I_A APP2		ECU V	27		INTER5 PEDAL		5			2.00	B	FLR91X-A	G G BAT		SP_11			INTER6		6		
0.75	B	FLR91X-A	G_R APP2		ECU V	26		INTER5 PEDAL		6			5.00	B	FLR7Y-A	G G BAT		SP_11			BAT-		1		
5.00	B	FLR7Y-A	G G BAT		SP_03			BAT-		1			0.75	W	FLR91X-A	KEY ON SWITCH		SP_09			INTER6		1		
3.00	B	FLR7Y-A	G G BAT		SP_10			FUEL FILTER HEATER SENSOR1		A			2.00	W	FLR7Y-A	ALTERNATOR L		CONTROL PANEL	J		ALTERNATOR L		2		
3.00	R	FLR7Y-A	FFHS RELAY 87		SP_12			FUEL FILTER HEATER SENSOR1		B			0.75	Y	FLR91X-A	PARK BRAKE		ECU V	35		CONTROL PANEL		H		
3.00	B	FLR7Y-A	G G BAT		SP_10			FUEL FILTER HEATER SENSOR2		A			5.00	R	FLR7Y-A	V V BAT		SP_12			FFHS FUSE		1		FUSE 50A
3.00	R	FLR7Y-A	FFHS RELAY 87		SP_12			FUEL FILTER HEATER SENSOR2		B			5.00	R	FLR7Y-A	V V BAT		FFHS RELAY	87		FFHS FUSE		2		FUSE 50A
0.75	W	FLR91X-A	GLOW RELAY		GLOW RELAY	85		INTER8_ENG2		7			5.00	R	FLR7Y-A	V V BAT		FFHS RELAY	30		BAT+		1		
0.75	W	FLR91X-A	V V BAT		GLOW RELAY	86		SP_04					0.75	B	FLR91X-A	G G BAT		FFHS RELAY	85		SP_11				
5.00	R	FLR7Y-A	V V BAT		GLOW RELAY	87		GLOW PLUG		1			0.75	R	FLR91X-A	V V BAT		FFHS RELAY	86		SP_09				
5.00	R	FLR7Y-A	V V BAT		GLOW RELAY	30		SP_04					0.75	R	FLR91X-A	NOX UBATT(MAIN RELAY 87)		INTER2 DPF	1		SP_05				
0.75	R	FLR91X-A	DEF TANK PWR(MAIN RELAY 87)		DEF TANK	1		SP_05					0.75	W	FLR91X-A T07	NOX CAN1 LOW		INTER2 DPF	2		SP_13				
0.75	B	FLR91X-A	DEF TANK GND		DEF TANK	2		SP_11					0.75	G	FLR91X-A T07	NOX CAN1 HIGH		INTER2 DPF	3		SP_06				
0.75	G	FLR91X-A T09	CAN1 HIGH		DEF TANK	3		SP_06					0.75	B	FLR91X-A	NOX GND		INTER2 DPF	4		SP_10				
0.75	W	FLR91X-A T09	CAN1 LOW		DEF TANK	4		SP_13					0.75	B	FLR91X-A	G_R ETS		ENV TEMP SENSOR	1		INTER7_ENG1		7		
0.75	R	FLR91X-A	SM PRESS SENSOR PWR		SUPPLY MODULE	2 @		INTER7_ENG1		10			0.75	BrW	FLR91X-A	I A ETS		ENV TEMP SENSOR	2		INTER7_ENG1		6		
0.75	P	FLR91X-A	SM PRESS SENSOR SIG		SUPPLY MODULE	3 @		INTER7_ENG1		11			0.75	W	FLR91X-A	SUPPLY MODULE HEATER FB		SUPPLY MODULE HEATER RELAY	30		SP_19				
0.75	B	FLR91X-A	SM PRESS SENSOR GND		SUPPLY MODULE	4 @		INTER7_ENG1		12			0.75	B	FLR91X-A	GND		SUPPLY MODULE HEATER RELAY	87		SP_20				
0.75	R	FLR91X-A	HEATER HS RELAY 87		SUPPLY MODULE	5 @		SP_18					1.50	R	FLR91X-A	MAIN RELAY 87		SUPPLY MODULE HEATER RELAY	86		SP_05				
0.75	W	FLR91X-A	SUPPLY MODULE HEATER FB		SUPPLY MODULE	6 @		SP_19					1.50	Y	FLR91X-A	O S SMH		SUPPLY MODULE HEATER RELAY	85		ECU V		39		
0.75	W	FLR91X-A	SUPPLY MODULE HEATER FB		SP_19			INTER7_ENG1		5			0.75	O	FLR91X-A	PRESSURE LINE HEATER FB		INTER7_ENG1	4		SP_21				
0.75	B	FLR91X-A	SM PUMP MOTOR GND		SUPPLY MODULE	8 @		INTER8_ENG2		6			0.75	O	FLR91X-A	PRESSURE LINE HEATER FB		PRESS LINE HOSE HEATER	1		SP_21				
0.75	R	FLR91X-A	SCR MAIN RELAY 87		SUPPLY MODULE	9 @		SP_17					0.75	R	FLR91X-A	HEATER HS RELAY 87		PRESS LINE HOSE HEATER	2		SP_18				
0.75	O	FLR91X-A	SM PUMP MOTOR SIG		SUPPLY MODULE	10 @		INTER8_ENG2		5			0.75	O	FLR91X-A	PRESSURE LINE HEATER FB		PRESS HOSE HEATER RELAY	30		SP_21				
0.75	R	FLR91X-A	SCR MAIN RELAY 87		SUPPLY MODULE	11 @		SP_17					0.75	B	FLR91X-A	GND		PRESS HOSE HEATER RELAY	87		SP_20				
0.75	BW	FLR91X-A	SM RVV SIG -		SUPPLY MODULE	12 @		INTER8_ENG2		4			1.50	R	FLR91X-A	MAIN RELAY 87		PRESS HOSE HEATER RELAY	86		SP_05				
0.75	O	FLR91X-A T10	DOSING VALVE HIGH SIDE		INTER2 DPF	10		INTER8_ENG2		3			1.50	Brn	FLR91X-A	O S PHH		PRESS HOSE HEATER RELAY	85		ECU V		74		
0.75	G	FLR91X-A T10	DOSING VALVE LOW SIDE		INTER2 DPF	11		INTER8_ENG2		2			0.75	Brn	FLR91X-A	SUCTION LINE HEATER FB		INTER7_ENG1	3		SP_22				
0.75	R	FLR91X-A	V V BAT		SP_08			FUSE CONN		9		FUSE 7.5A	0.75	Brn	FLR91X-A	SUCTION LINE HEATER FB		SUCTION LINE HOSE HEATER	1		SP_22				
0.75	R	FLR91X-A	V V BAT		SCR MAIN RELAY	30		FUSE CONN		10		FUSE 7.5A	0.75	R	FLR91X-A	HEATER HS RELAY 87		SUCTION LINE HOSE HEATER	2		SP_18				
0.75	R	FLR91X-A	SCR RELAY PWR		SCR MAIN RELAY	87		SP_17					0.75	Brn	FLR91X-A	SUCTION LINE HEATER FB		SUCTION HOSE HEATER RELAY	30		SP_22				
0.75	R	FLR91X-A	MAIN RELAY 87		SCR MAIN RELAY	86		SP_05					0.75	B	FLR91X-A	GND		SUCTION HOSE HEATER RELAY	87		SP_20				
0.75	W	FLR91X-A	O S SCRMLY		SCR MAIN RELAY	85		ECU V		18			0.75	R	FLR91X-A	MAIN RELAY 87		SUCTION HOSE HEATER RELAY	86		SP_05				
1.00	R	FLR91X-A	V V BAT		SP_08			FUSE CONN		11		FUSE 20A	0.75	W	FLR91X-A	O S SHH		SUCTION HOSE HEATER RELAY	85		ECU V		89		
1.00	R	FLR91X-A	V V BAT		HEATER HS RELAY	30		FUSE CONN		12		FUSE 20A	0.75	O	FLR91X-A	BACKFLOW LINE HEATER FB		INTER7_ENG1	2		SP_23				
1.00	R	FLR91X-A	HEATER HS RELAY PWR		HEATER HS RELAY	87		SP_18					0.75	O	FLR91X-A	BACKFLOW LINE HEATER FB		BACKFLOW LINE HOSE HEATER	1		SP_23				
0.75	R	FLR91X-A	V V BAT		HEATER HS RELAY	86		SP_05					0.75	R	FLR91X-A	HEATER HS RELAY 87		BACKFLOW LINE HOSE HEATER	2						