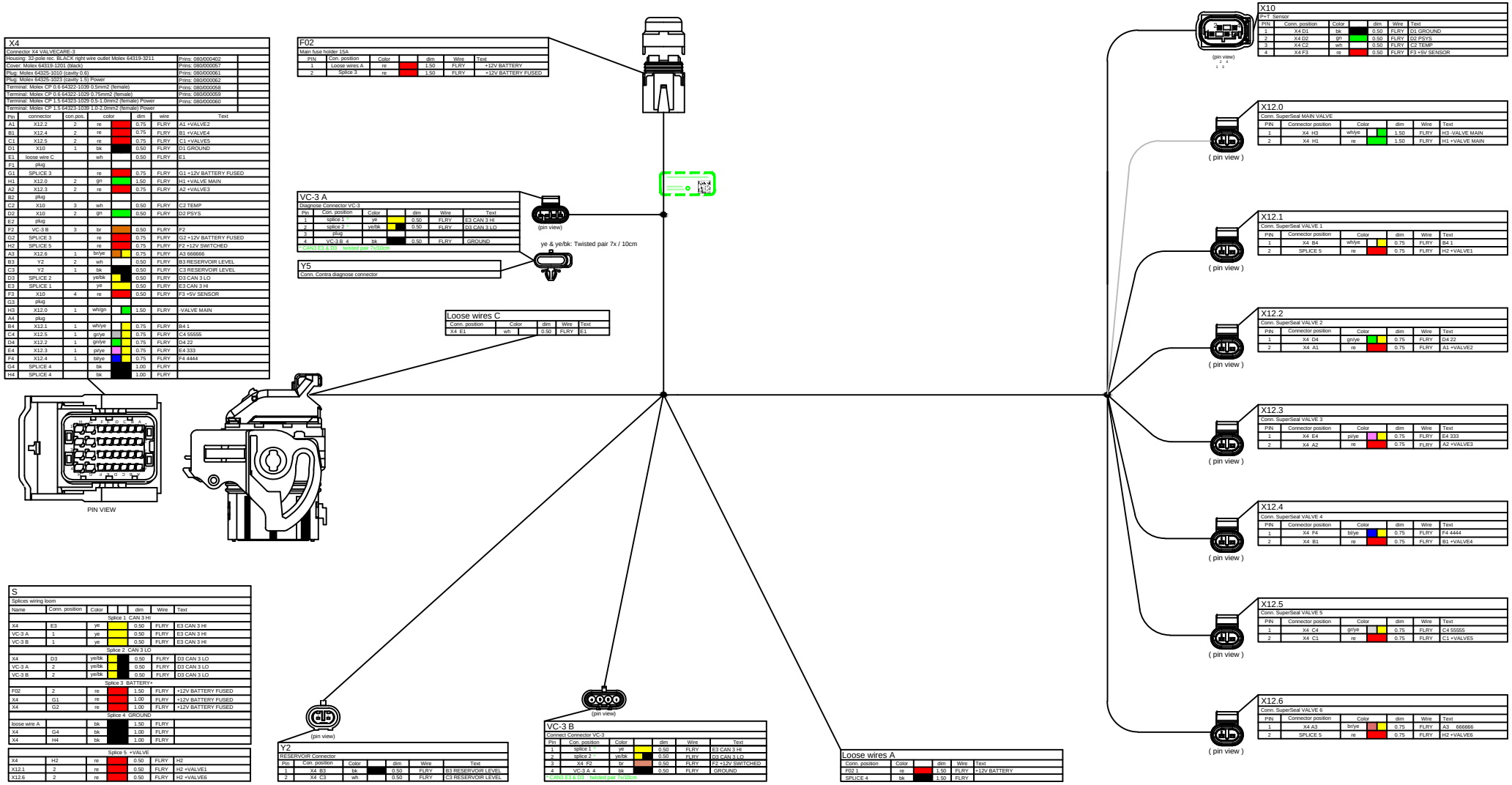
WIRING LOOM VALVECARE-3 6-CYLINDER



X4

Connector X4 VALVECARE-3

Housing: 32-pole rec. BLACK right wire outlet Molex 64319-3211	Prins: 080/000402
Cover: Molex 64319-1201 (black)	Prins: 080/000057
Plug: Molex 64325-1010 (cavity 0.6)	Prins: 080/000061
Plug: Molex 64325-1023 (cavity 1.5) Power	Prins: 080/000062
Terminal: Molex CP 0.6 64322-1039 0.5mm2 (female)	Prins: 080/000058
Terminal: Molex CP 0.6 64322-1029 0.75mm2 (female)	Prins: 080/000059
Terminal: Molex CP 1.5 64323-1029 0.5-1.0mm2 (female) Power	Prins: 080/000060
Terminal: Molex CP 1.5 64323-1039 1.0-2.0mm2 (female) Power	

Pin	connector	con.pos.	color	dim	wire	Text
A1	X12.2	2	re	0.75	FLRY	A1 +VALVE2
B1	X12.4	2	re	0.75	FLRY	B1 +VALVE4
C1	X12.5	2	re	0.75	FLRY	C1 +VALVE5
D1	X10	1	bk	0.50	FLRY	D1 GROUND
E1	loose wire C		wh	0.50	FLRY	E1
F1	plug					
G1	SPLICE 3		re	0.75	FLRY	G1 +12V BATTERY FUSED
H1	X12.0	2	gn	1.50	FLRY	H1 +VALVE MAIN
A2	X12.3	2	re	0.75	FLRY	A2 +VALVE3
B2	plug					
C2	X10	3	wh	0.50	FLRY	C2 TEMP
D2	X10	2	gn	0.50	FLRY	D2 PSYS
E2	plug					
F2	VC-3 B	3	br	0.50	FLRY	F2
G2	SPLICE 3		re	0.75	FLRY	G2 +12V BATTERY FUSED
H2	SPLICE 5		re	0.75	FLRY	F2 +12V SWITCHED
A3	X12.6	1	br/ye	0.75	FLRY	A3 666666
B3	Y2	2	wh	0.50	FLRY	B3 RESERVOIR LEVEL
C3	Y2	1	bk	0.50	FLRY	C3 RESERVOIR LEVEL
D3	SPLICE 2		ye/bk	0.50	FLRY	D3 CAN 3 LO
E3	SPLICE 1		ye	0.50	FLRY	E3 CAN 3 HI
F3	X10	4	re	0.50	FLRY	F3 +5V SENSOR
G3	plug					
H3	X12.0	1	wh/gn	1.50	FLRY	-VALVE MAIN
A4	plug					
B4	X12.1	1	wh/ye	0.75	FLRY	B4 1
C4	X12.5	1	gr/ye	0.75	FLRY	C4 55555
D4	X12.2	1	gn/ye	0.75	FLRY	D4 22
E4	X12.3	1	pi/ye	0.75	FLRY	E4 333
F4	X12.4	1	bl/ye	0.75	FLRY	F4 4444
G4	SPLICE 4		bk	1.00	FLRY	
H4	SPLICE 4		bk	1.00	FLRY	

F02

Main fuse holder 15A

PIN	Con. position	Color		dim	Wire	Text
1	Loose wires A	re		1.50	FLRY	+12V BATTERY
2	Splice 3	re		1.50	FLRY	+12V BATTERY FUSED

VC-3 A

Diagnose Connector VC-3

Pin	Con. position	Color		dim	Wire	Text
1	splice 1 *	ye		0.50	FLRY	E3 CAN 3 HI
2	splice 2 *	ye/bk		0.50	FLRY	D3 CAN 3 LO
3	plug					
4	VC-3 B 4	bk		0.50	FLRY	GROUND

* CAN3 E3 & D3 : twisted pair 7x/10cm

Y5

Conn. Contra diagnose connector

Loose wires C

Conn. position	Color		dim	Wire	Text
X4 E1	wh		0.50	FLRY	E1

X10

P+T Sensor

PIN	Conn. position	Color		dim	Wire	Text
1	X4 D1	bk		0.50	FLRY	D1 GROUND
2	X4 D2	gn		0.50	FLRY	D2 PSYS
3	X4 C2	wh		0.50	FLRY	C2 TEMP
4	X4 F3	re		0.50	FLRY	F3 +5V SENSOR

X12.0

Conn. SuperSeal MAIN VALVE

PIN	Connector position	Color		dim	Wire	Text
1	X4 H3	wh/ye		1.50	FLRY	H3 -VALVE MAIN
2	X4 H1	re		1.50	FLRY	H1 +VALVE MAIN

X12.1

Conn. SuperSeal VALVE 1

PIN	Connector position	Color		dim	Wire	Text
1	X4 B4	wh/ye		0.75	FLRY	B4 1
2	SPLICE 5	re		0.75	FLRY	H2 +VALVE1

X12.2

Conn. SuperSeal VALVE 2

PIN	Connector position	Color		dim	Wire	Text
1	X4 D4	gn/ye		0.75	FLRY	D4 22
2	X4 A1	re		0.75	FLRY	A1 +VALVE2

X12.3

Conn. SuperSeal VALVE 3

PIN	Connector position	Color		dim	Wire	Text
1	X4 E4	pi/ye		0.75	FLRY	E4 333
2	X4 A2	re		0.75	FLRY	A2 +VALVE3

X12.4

Conn. SuperSeal VALVE 4

PIN	Connector position	Color		dim	Wire	Text
1	X4 F4	bl/ye		0.75	FLRY	F4 4444
2	X4 B1	re		0.75	FLRY	B1 +VALVE4

X12.5

Conn. SuperSeal VALVE 5

PIN	Connector position	Color		dim	Wire	Text
1	X4 C4	gr/ye		0.75	FLRY	C4 55555
2	X4 C1	re		0.75	FLRY	C1 +VALVE5

X12.6

Conn. SuperSeal VALVE 6

PIN	Connector position	Color		dim	Wire	Text
1	X4 A3	br/ye		0.75	FLRY	A3 666666
2	SPLICE 5	re		0.75	FLRY	H2 +VALVE6

S

Splices wiring loom

Name	Conn. position	Color			dim	Wire	Text
Splice 1 CAN 3 HI							
X4	E3	ye			0.50	FLRY	E3 CAN 3 HI
VC-3 A	1	ye			0.50	FLRY	E3 CAN 3 HI
VC-3 B	1	ye			0.50	FLRY	E3 CAN 3 HI
Splice 2 CAN 3 LO							
X4	D3	ye/bk			0.50	FLRY	D3 CAN 3 LO
VC-3 A	2	ye/bk			0.50	FLRY	D3 CAN 3 LO
VC-3 B	2	ye/bk			0.50	FLRY	D3 CAN 3 LO
Splice 3 BATTERY+							
F02	2	re			1.50	FLRY	+12V BATTERY FUSED
X4	G1	re			1.00	FLRY	+12V BATTERY FUSED
X4	G2	re			1.00	FLRY	+12V BATTERY FUSED
Splice 4 GROUND							
loose wire A		bk			1.50	FLRY	
X4	G4	bk			1.00	FLRY	
X4	H4	bk			1.00	FLRY	
Splice 5 +VALVE							
X4	H2	re			0.50	FLRY	H2
X12.1	2	re			0.50	FLRY	H2 +VALVE1
X12.6	2	re			0.50	FLRY	H2 +VALVE6

Y2

RESERVOIR Connector

Pin	Con. position	Color		dim	Wire	Text
1	X4 B3	bk		0.50	FLRY	B3 RESERVOIR LEVEL
2	X4 C3	wh		0.50	FLRY	C3 RESERVOIR LEVEL

VC-3 B

Connect Connector VC-3

Pin	Con. position	Color		dim	Wire	Text
1	splice 1 *	ye		0.50	FLRY	E3 CAN 3 HI
2	splice 2 *	ye/bk		0.50	FLRY	D3 CAN 3 LO
3	X4 F2	br		0.50	FLRY	F2 +12V SWITCHED
4	VC-3 A 4	bk		0.50	FLRY	GROUND

* CAN3 E3 & D3 : twisted pair 7x/10cm

Loose wires A

Conn. position	Color		dim	Wire	Text
F02.1	re		1.50	FLRY	+12V BATTERY
SPLICE 4	bk		1.50	FLRY	