

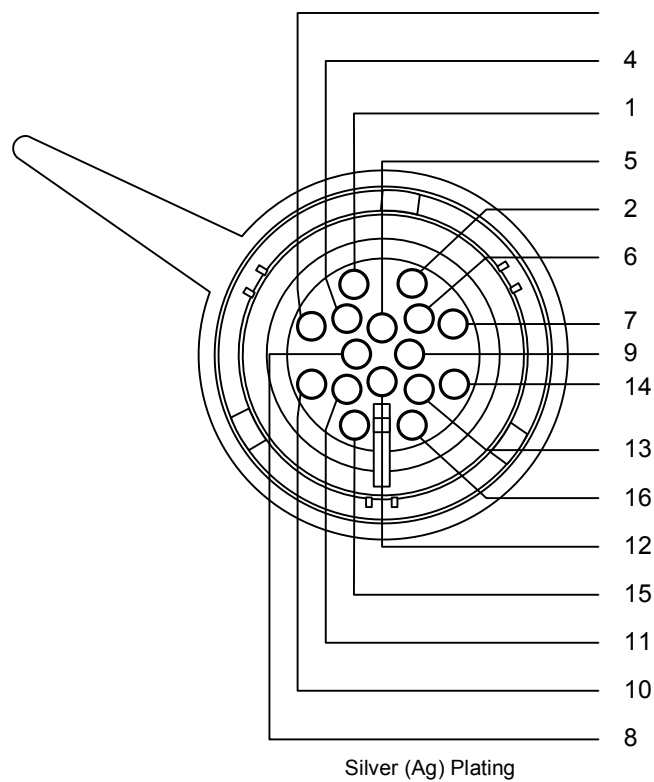
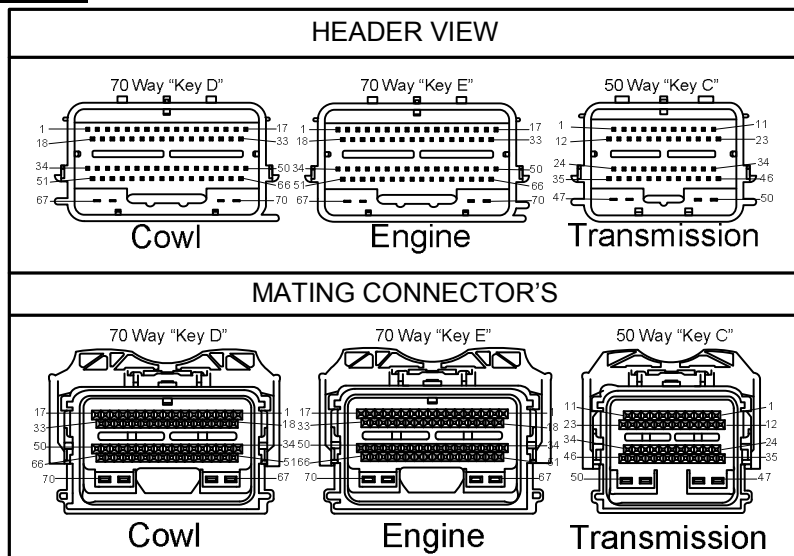
J1-C	Cowl Connector			
J1-Pin	Function	Index	Rev	I/O
C1	VBPWR		1.04	P
C2	MAFRTN		1.01	P
C3				
C4				
C5				
C6				
C7	SMC		3.02	O
C8				
C9				
C10	CTO		9.01	O
C11				
C12	ACCR		1.05	O
C13	BOO	1	1.12	I
C14	GENLI		1.12	I
C15				
C16	SMR		2.01	I
C17				
C18	FC (1-3)	2	2.02	O
C19	FPC		2.03	O
C20	CANVNT		3.03	O
C21	INJPWRM		2.01	I
C22				
C23	SST (U/D)	U	2.01	I
C24	SST (U/D)	D	2.01	I
C25				
C26				
C27				
C28	APP(1-2)	1	1.03	I
C29	APP(1-2)	2	1.03	I
C30				
C31	ACPT		2.01	I
C32	FPM-FPDM		2.03	I
C33				
C34	FC (1-3)	1	2.02	O
C35				
C36				
C37	SMCS		2.06	O
C38	PCMRC		1.04	O
C39				
C40	MAF		3.01	I
C41				
C42	ISP-R		3.03	I
C43				
C44	ETCRTN	C	1.03	P
C45	ETCREF	C	1.05	P
C46	BPS	BOO 2	2.02	I
C47	IAT	1	2.05	I
C48	SCCSRTRN		1.06	I
C49				
C50	CSEGND		1.04	P
C51				
C52	VREF	C	1.04	P
C53	GENRC		1.1	O
C54				
C55				
C56	SIGRTN	C	1.02	P
C57				
C58	CAN (+)	-	1.02	C
C59	CAN (+)	+	1.02	C
C60	ETCRTN	B	1.03	P
C61	ETCREF	B	1.05	P
C62	KAPWR		1.05	P
C63				
C64	SCCS		1.07	I
C65	FTPT		1.08	I
C66	FTPTREF		1.02	P
C67	VPWR		1.02	P
C68	VPWR		1.02	P
C69	PWRGND		1.01	P
C70	PWRGND		1.01	P

J1-E	Engine Connector			
J1-Pin	Function	Index	Rev	I/O
E1				
E2	VCT (XY)	11	1.12	O
E3				
E4				
E5				
E6	KSL	1-	2.02	I
E7	KSL	1+	2.02	I
E8	ETCRTN	A	1.03	P
E9	ETCREF	A	1.05	P
E10	TP2-PS		2.07	I
E11	SHDRTRN		1.01	P
E12	CKP-V	-	1.09	I
E13	CKP-V	+	1.09	I
E14				
E15				
E16	VCT (XY)	21	1.12	O
E17				
E18	COP (A-H)	3F	2.09	O
E19				
E20	VREF	E	1.04	P
E21				
E22				
E23				
E24	EOP		1.01	I
E25	EOL		1.03	I
E26				
E27				
E28				
E29	CMP(XY)	12-	4.02	I
E30	GHT		1.06	I
E31				
E32	SIGRTN	E	1.02	P
E33	COP (A-H)	7G	2.09	O
E34	COP (A-H)	5B	2.09	O
E35				
E36	VBPWR		1.04	P
E37				
E38				
E39	TP1-NS		2.07	I
E40				
E41	CMP-H	11	2.04	I
E42	CMP-H	21	2.04	I
E43				
E44	KSL	2-	2.02	I
E45	KSL	2+	2.02	I
E46	CMP(XY)	12+	4.02	I
E47	CMP(XY)	22+	4.02	I
E48	CMP(XY)	22-	4.02	I
E49	EVAPCP		2.01	O
E50	COP (A-H)	4C	2.09	O
E51	COP (A-H)	8D	2.09	O
E52	COP (A-H)	2H	2.09	O
E53	INJ (1-10)	1A	1.04	O
E54	INJ (1-10)	2H	1.04	O
E55	INJ (1-10)	3F	1.04	O
E56	VCT (XY)	12	1.12	O
E57	VCT (XY)	22	1.12	O
E58				
E59				
E60				
E61				
E62	INJ (1-10)	4C	1.04	O
E63	INJ (1-10)	5B	1.04	O
E64	INJ (1-10)	6E	1.04	O
E65	INJ (1-10)	7G	1.04	O
E66	INJ (1-10)	8D	1.04	O
E67	TACM (+)	-	2.03	O
E68	TACM (+)	+	2.03	O
E69	COP (A-H)	6E	2.09	O
E70	COP (A-H)	1A	2.09	O

J1-T	Transmission Connector			
J1-Pin	Function	Index	Rev	I/O
T1	TSS	Hall	2.09	I
T2				
T3	VBPWR		1.04	P
T4	UO2SN	11	1.02	O
T5				
T6				
T7	RS		1.04	I
T8				
T9				
T10	PC (1-7)	4	2.03	O
T11	SS (1-4)	1	1.08	O
T12	TR -P		2.03	I
T13				
T14	OSS (Hall)	ATX / MTX	2.1	I
T15	UREF	11	1.02	O
T16	UO2SIA	21	1.02	B
T17	UO2SIA	11	1.02	B
T18	HO2S(XY)	12	1.08	I
T19	CPP-BT		2.05	I
T20	TFT		2.03	I
T21	CPP-TT		1.07	I
T22	SSS		1.01	O
T23				
T24	HTR	11	2.03	O
T25				
T26	HEGO RTN		1.01	
T27	HO2S(XY)	22	1.08	I
T28	UO2SIP	21	1.02	B
T29	UO2SIP	11	1.02	B
T30				
T31	VREF	T	1.04	P
T32				
T33	TCS		1.07	I
T34	PC (1-7)	5	2.03	O
T35	HTR	21	2.03	O
T36				
T37				
T38	SIGRTN	T	1.02	P
T39	UO2SN	21	1.02	O
T40	UREF	21	1.02	O
T41	TRGND		1.02	P
T42				
T43	PC (1-7)	1	2.03	O
T44	PC (1-7)	2	2.03	O
T45	PC (1-7)	3	2.03	O
T46	PC (1-7)	6	2.03	O
T47	HTR	12	2.03	O
T48				
T49	HTR	22	2.03	O
T50	TSPC	1	4.01	O

SHADED Boxes - MT82 Manual Transmission

ECM/PCM J1 Pinout



6R80 (ATX) Transmission

1	Turbine Shaft Speed	TSS T-1
2	-	-
3	Pressure Control 6	PC (1-7):6 T-46
4	Range Sensor	TR-P T-12
5	Signal Return	SIGRTN (T) T-38
6	Fluid Temperature	TFT T-20
7	Solenoid Power	TSPC T-50
8	Shift Solenoid 1	SS (1-4)-1 T-11
9	Pressure Control 1	PC (1-7)-1 T-43
10	Pressure Control 4	PC (1-7)-4 T-10
11	Sensor Return	TRGND T-41
12	Buffered Power	VBPWR (T) T-3
13	Pressure Control 3	PC (1-7)-3 T-45
14	Pressure Control 2	PC (1-7)-2 T-44
15	Output Shaft Speed	OSS T-14
16	Pressure Control 5	PC (1-7)-5 T-34

