General MBE967e connection list				30/03/2000	
	PIN No		DESIGNATION	NOTE	
	1		FUEL TRIM	Mapping Plug 06	
	2		WATER TEMPERATURE SIGNAL		
	3		AIR TEMPERATURE SIGNAL		
	4		5V ANALOGUE	Mapping Plug 04	
	5		ANALOGUE GROUND	Mapping Plug 05	
	6		POWER GROUND	Mapping Plug 01	
	7		POWER GROUND		
	8		POWER GROUND		
	9		POWER GROUND		
	10		FUEL PRESSURE INPUT/GEAR POSITION		
	11		CRANK RETURN		
	12		CRANK SIGNAL		
	13		ECU SUPPLY		
	14		SERIAL RECEIVE	Mapping Plug 03	
	15		FAULT LIGHT / SWITCH		
	16		SHIFT LIGHT	Switched Ground	
	17		FUEL PUMP RELAY DRIVE	Switched Ground	
	18		IGNITION DRIVE 2	Cylinders 2 + 3	Not used if distributor fitted
	19		POWERSHIFT INPUT	Ground Active	
	20		THROTTLE SIGNAL		
	21		MAP SIGNAL (BOOST PRESSURE)		
	22		5V ANALOGUE		
	23		ANALOGUE GROUND		
	24		ANALOGUE GROUND		
	25		OIL TEMPERATURE		
	26		IGNITION TRIM	Mapping Plug 07	
	27		OIL PRESSURE		
	28		BAROMETRIC PRESSURE SIGNAL / LAUNCH INPUT		
	29		LAMBDA SIGNAL		
	30		NOT USED	Not Used	
	31		NOT USED	Not Used	
	32		SERIAL TRANSMIT	Mapping Plug 02	
	33		RADIATOR FAN RELAY DRIVE	Switched Ground	
	34		TACHOMETER SIGNAL		
	35		INJECTOR OUTPUT	All Cylinders	
	36		IGNITION DRIVE 1	Cylinders 1+ 4	Coil drive if distributor fitted
NOTES:					
1	All digital outputs are switched ground . I.e. to turn on the Shift Light, the ECU output is switched to ground				
	These type of outputs are on pins: are on pins 15, 16, 17 and 33				
2	The Mapping Plug should be wired as follows:				
	ECU Pin #	Mapping Plug Pin #			
	6	1			
	32	2			
	14	3			
	4	4			
	5	5			
	1	6			
	26	7			
3	The Powershift input should be switched to ground to activate the Powershift function				
4	The Vauxhall Crankshaft Sensor should be wired as follows:				
	Sensor #	ECU Pin #			
	1	11			
	2	12			
	3	Ground			
5	The Throttle Position Sensor (TPS) should be wired as follows:				
	Sensor #	ECU Pin #			
	1	TBA			
	2	TBA			
	3	TBA			
6	The Barometric Pressure Sensor should be wired as follows:				
	Sensor #	ECU Pin #			
	A	23			
	B	28	AND LAUNCH INPUT (ground active)		
	C	22			
7	The Lambda Sensor should be wired as follows:				
	Sensor #	ECU Pin #			
	1	TBA			
	2	TBA			
	3	TBA			
	4	TBA			
8	The Fault Lamp output is a switched ground				
9	Crankshaft Sensor Wiring:				
	58 tooth wheel:		GM Sensor		
			Pin 01 = Return		
			Pin 02 = Signal		
			Pin 03 = Screen		

			Ford Sensor (not Cosworth)		
			Pin 01 = Return		
			Pin 02 = Signal		
			Magneti-Marelli Sensor		
			Pin 01=Signal		
			Pin 02=Return		
	35 tooth wheel:		GM Sensor		
			Pin 01 = Signal		
			Pin 02 = Return		
			Pin 03 = Screen		
			Ford Sensor (not Cosworth)		
			Pin 01 = Signal		
			Pin 02 - Return		
			Magneti-Marelli Sensor		
			Pin 01=Return		
			Pin 02=Signal		