



ECU has Male Pins and Harness
Connector has Female Pins

①	GRAY / GREEN	IGNITION COIL #4 SIGNAL	⑬	GREEN / RED	INJECTOR #2 SIGNAL	⑳	RED / GREEN	+12VDC FM ELEC THROTTLE VALVE FUSE (UN-SWITCHED)
②	ORANGE / GREEN	IGNITION COIL #3 SIGNAL	⑭	RED / BLACK	INJECTOR #1 SIGNAL	㉑	BLACK / WHITE (2)	FRAME GROUND
③	GRAY / RED	IGNITION COIL #2 SIGNAL	⑮	BLUE / WHITE (1)	STARTER RELAY (HIGH)	㉒	RED / BLUE	+12VDC FROM FUEL PUMP RELAY (SWITCHED)
④	ORANGE / (NONE)	IGNITION COIL #1 SIGNAL	⑯	BLUE / GREEN (2)	LEAN ANGLE SENSOR COMMON SIGNAL	㉓	BROWN / RED	AIR INDUCTION SYSTEM (AIS) SOLENOID SIGNAL
⑤	PINK / BLACK	O2 SENSOR SIGNAL	⑰	YELLOW / RED	THROTTLE SERVO MOTOR SIGNAL #1	㉔	NC	
⑥	BLACK / YELLOW	+12VDC FROM CLUTCH SWITCH (SWITCHED)	⑱	BLACK (3) / (NONE)	FRAME GROUND	㉕	GREEN / YELLOW	RADIATOR FAN MOTOR RELAY (-) SIDE SIGNAL ???
⑦	BLACK / WHITE (1)	FRAME GROUND	⑲	WHITE / BLUE	INTAKE FUNNEL SERVO MOTOR SIGNAL #1	㉖	YELLOW / BLACK	HEADLIGHT RELAY (-) SIDE SIGNAL
⑧	BLUE / YELLOW	+12VDC FROM MAIN SWITCH (SWITCHED)	⑳	SKY BLUE / WHITE	INTAKE FUNNEL SERVO MOTOR SIGNAL #2	㉗	WHITE / YELLOW	SPEED SIGNAL FROM ABS ECU
⑨	YELLOW / WHITE	THROTTLE SERVO MOTOR SIGNAL #2	㉑	NC		㉘	NC	
⑩	BLACK (4) / (NONE)	FRAME GROUND	㉒	ORANGE / WHITE		㉙	RED / YELLOW	+12VDC FROM BACKUP FUSE (UN-SWITCHED)
⑪	ORANGE / BLACK	INJECTOR #4 SIGNAL	㉓	BLUE / RED	+12VDC FROM ENGINE STOP SWITCH (SWITCHED)	2009~ Yamaha VMX1700 Series "USA" Model V-Max ECU Connector #2 (Right Hand 34-Pin)		
⑫	BLUE / BLACK	INJECTOR #3 SIGNAL	㉔	YELLOW / GREEN	LEAN ANGLE SENSOR SIGNAL			