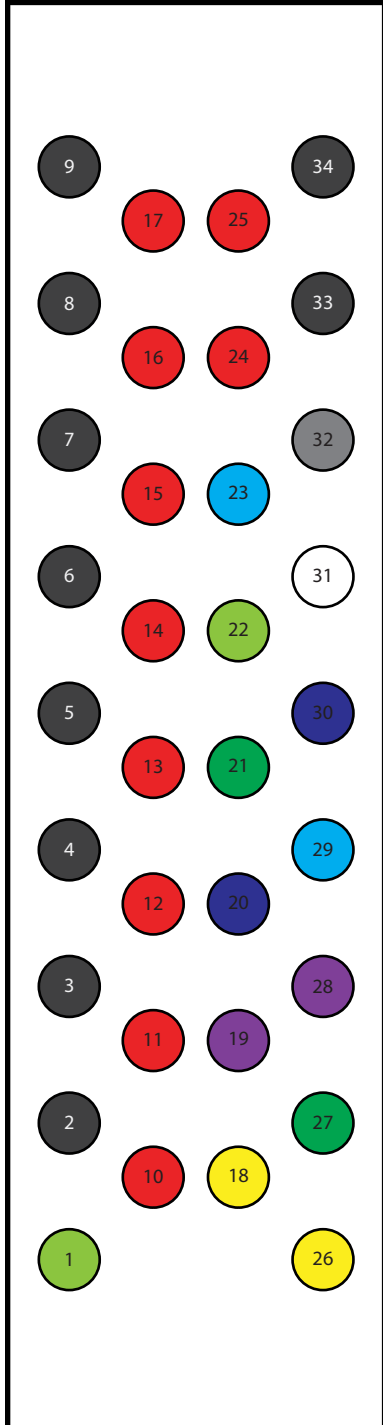


MAIN HARNESS WIRING DIAGRAM


















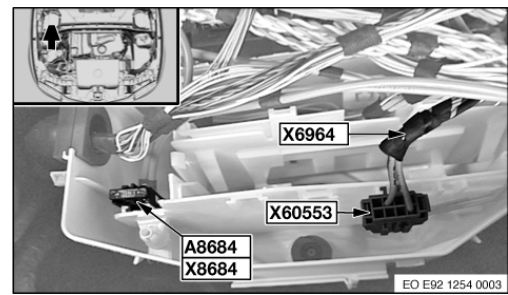
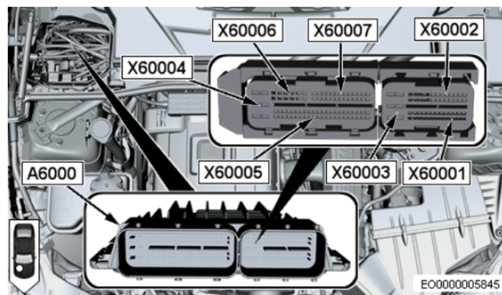
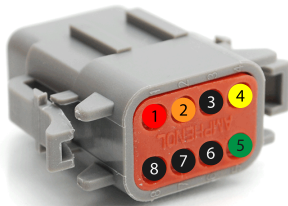
PIN 02	INJECTOR 8	DRIVER SUPPLY	BLACK	
PIN 10			RED	
PIN 03	INJECTOR 7	DRIVER SUPPLY	BLACK	
PIN 11			RED	
PIN 04	INJECTOR 6	DRIVER SUPPLY	BLACK	
PIN 12			RED	
PIN 05	INJECTOR 5	DRIVER SUPPLY	BLACK	
PIN 13			RED	
PIN 06	INJECTOR 4	DRIVER SUPPLY	BLACK	
PIN 14			RED	
PIN 07	INJECTOR 3	DRIVER SUPPLY	BLACK	
PIN 15			RED	
PIN 08	INJECTOR 2	DRIVER SUPPLY	BLACK	
PIN 16			RED	
PIN 09	INJECTOR 1	DRIVER SUPPLY	BLACK	
PIN 17			RED	
PIN 24	12V+ SWITCHED		RED	
PIN 33	CHASSIS GROUND		BLACK	
PIN 22	ETHANOL SENSOR (Hz)		LT GREEN	
PIN 33	5V+ CHASSIS GROUND OUT		ORANGE	
PIN 21	AUX IN 3 (0-5V SENSOR_		BLACK	
			GREEN	
PIN 24	12V+ SWITCHED		RED	
PIN 20	AUX IN 4 (PSI 4-20mA)		BLUE	
PIN 24	12V+ SWITCHED		ORANGE	
PIN 23	AUX IN 2 (FUEL PSI 4-20mA)		LT BLUE	
PIN 31	AUX OUT 1 CONTROL		WHITE	
PIN 32	AUX OUT 2 CONTROL		GREY	
PIN 18	AUX OUT 3 CONTROL		YELLOW	
PIN 19	AUX OUT 4 CONTROL		PURPLE	
PIN 24	12V+ SWITCHED		RED	
PIN 25	MAIN 12V+ IN		RED	
	MAIN 5V+		ORANGE	
PIN 34	MAIN GROUND IN		BLACK	
PIN 26	CAN HI		YELLOW	
PIN 27	CAN LO		GREEN	
PIN 28	INTAKE CAM SIGNAL		PURPLE	
PIN 29	CRANK SIGNAL		LT BLUE	
PIN 30	MAP SIGNAL		BLUE	

Please consult your tuner for any questions you may have. Incorrect wiring during installation can and will damage your RE|FLEX and void the warranty. If you have any further questions, please email support@motivmotorsport.com.














INSTALLATION HARNESS WIRING DIAGRAM

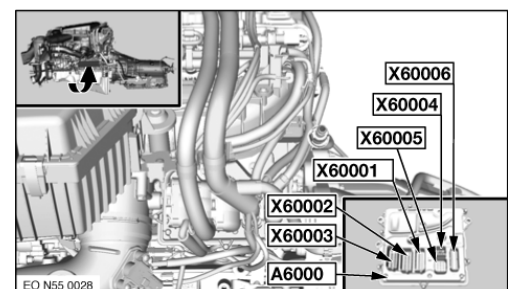
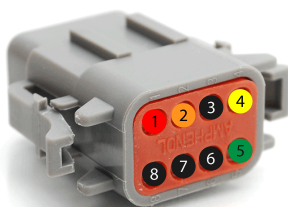
BMW E-SERIES N54

REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	 RED	MAIN SWITCHED 12V+ IN	PIN 02 X60553	 ORANGE
PIN 02	 ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	 BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	 BLACK
PIN 04	 YELLOW	CANbus HI	PIN 14 X60001	 BLUE W/ RED
PIN 05	 GREEN	CANbus LOW	PIN 01 X60001	 RED
PIN 06	 BLACK	INTAKE CAM SENSOR SIGNAL	PIN 11 X60007	 YELLOW
PIN 07	 BLACK	CRANK SENSOR SIGNAL	PIN 29 X60005	 YELLOW
PIN 08	 BLACK	MAP SENSOR SIGNAL	PIN 10 X60005	 YELLOW

















BMW E-SERIES N55

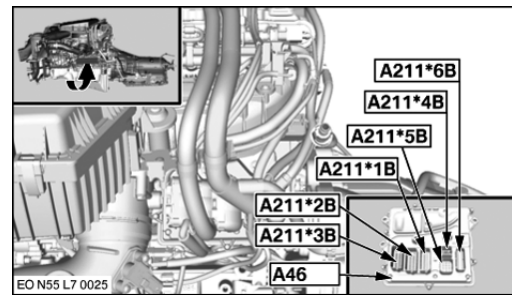
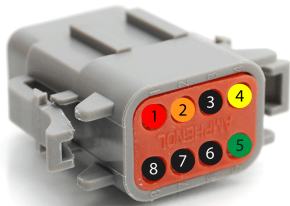
REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	 RED	MAIN SWITCHED 12V+ IN	PIN 09 X60005	 RED W/ GREEN
PIN 02	 ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	 BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	 BLACK
PIN 04	 YELLOW	CANbus HI	IN DEVELOPMENT	
PIN 05	 GREEN	CANbus LOW	IN DEVELOPMENT	
PIN 06	 BLACK	INTAKE CAM SENSOR SIGNAL	PIN 51 X60003	 YELLOW
PIN 07	 BLACK	CRANK SENSOR SIGNAL	PIN 06 X60002	 YELLOW
PIN 08	 BLACK	MAP SENSOR SIGNAL	PIN 48 X60002	 YELLOW

















INSTALLATION HARNESS WIRING DIAGRAM

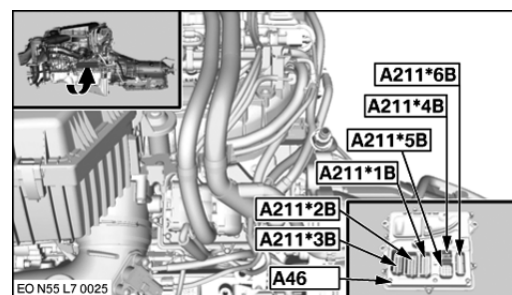
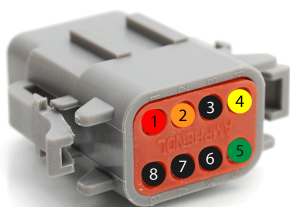
BMW F-SERIES N55

REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	 RED	MAIN SWITCHED 12V+ IN	PIN 09 *5B	
PIN 02	 ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	 BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	 BLACK
PIN 04	 YELLOW	CANbus HI	PIN 08 *1B	 BLUE W/ RED
PIN 05	 GREEN	CANbus LOW	PIN 07 *1B	 RED
PIN 06	 BLACK	INTAKE CAM SENSOR SIGNAL	PIN 51 *3B	 YELLOW
PIN 07	 BLACK	CRANK SENSOR SIGNAL	PIN 06 *2B	 YELLOW
PIN 08	 BLACK	MAP SENSOR SIGNAL	PIN 48 *2B	 YELLOW



BMW F-SERIES S55

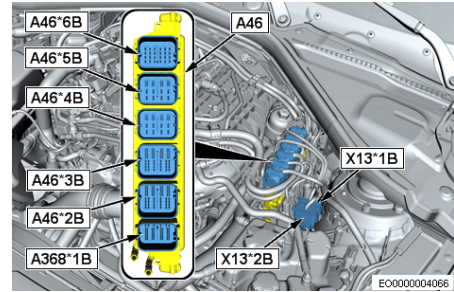
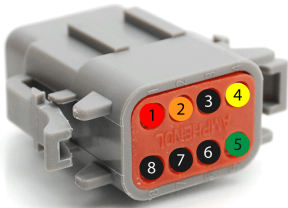
REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	 RED	MAIN SWITCHED 12V+ IN	PIN 09 *5B	
PIN 02	 ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	 BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	 BLACK
PIN 04	 YELLOW	CANbus HI	PIN 08 *1B	 BLUE W/ RED
PIN 05	 GREEN	CANbus LOW	PIN 07 *1B	 RED
PIN 06	 BLACK	INTAKE CAM SENSOR SIGNAL	PIN 51 *3B	 YELLOW
PIN 07	 BLACK	CRANK SENSOR SIGNAL	PIN 06 *2B	 YELLOW
PIN 08	 BLACK	MAP SENSOR SIGNAL	PIN 51 *2B	 YELLOW



INSTALLATION HARNESS WIRING DIAGRAM

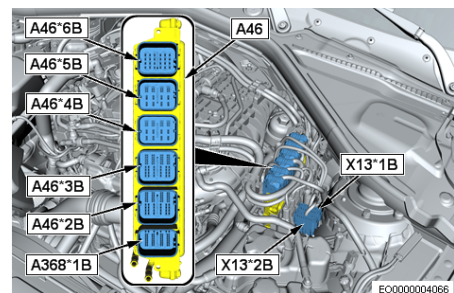
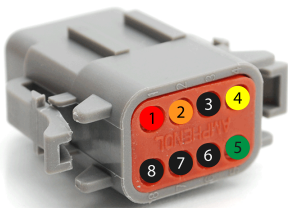
BMW F-SERIES B48 | B58 | S58

REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	RED	MAIN SWITCHED 12V+ IN	PIN 06 *5B	WHITE
PIN 02	ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	BLACK
PIN 04	YELLOW	CANbus HI	PIN 41 *1B	BLUE W/ RED
PIN 05	GREEN	CANbus LOW	PIN 42 *1B	RED
PIN 06	BLACK	INTAKE CAM SENSOR SIGNAL	PIN 32 *3B	YELLOW
PIN 07	BLACK	CRANK SENSOR SIGNAL	PIN 31 *2B	YELLOW
PIN 08	BLACK	MAP SENSOR SIGNAL	PIN 49 *2B	YELLOW


















BMW G-SERIES B48 | B58 | S58

REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	RED	MAIN SWITCHED 12V+ IN	PIN 06 *5B	WHITE
PIN 02	ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	BLACK
PIN 04	YELLOW	CANbus HI	PIN 41 *1B	YELLOW W/ WHITE
PIN 05	GREEN	CANbus LOW	PIN 42 *1B	YELLOW W/ BLACK
PIN 06	BLACK	INTAKE CAM SENSOR SIGNAL	PIN 32 *3B	YELLOW
PIN 07	BLACK	CRANK SENSOR SIGNAL	PIN 31 *2B	YELLOW
PIN 08	BLACK	MAP SENSOR SIGNAL	PIN 49 *2B	YELLOW



INSTALLATION HARNESS WIRING DIAGRAM

TOYOTA SUPRA A90 | A91

REFLEX 8 PIN	WIRE COLOR	DESCRIPTION / FUNCTION	DME PIN	WIRE COLOR
PIN 01	 RED	MAIN SWITCHED 12V+ IN	PIN 06 *5B	 WHITE
PIN 02	 ORANGE	MAIN 5V+ IN (<i>OPTIONAL</i>)		
PIN 03	 BLACK	MAIN CHASSIS GROUND	DME CHASSIS GROUND	 BLACK
PIN 04	 YELLOW	CANbus HI	PIN 41 *1B	 YELLOW W/ WHITE
PIN 05	 GREEN	CANbus LOW	PIN 42 *1B	 YELLOW W/ BLACK
PIN 06	 BLACK	INTAKE CAM SENSOR SIGNAL	PIN 32 *3B	 YELLOW
PIN 07	 BLACK	CRANK SENSOR SIGNAL	PIN 31 *2B	 YELLOW
PIN 08	 BLACK	MAP SENSOR SIGNAL	PIN 49 *2B	 YELLOW

