

| EMU PIN | EMU DESCRIPTION | ECSS PIN | ECC DECIPTION | WIRE SIZE |
|----------------|------------------------|-----------------|------------------------------|------------------|
| B17 | EMU GROUND | 26 | E1 ENGINE GROUND | 0,75mm |
| B24 | POWER GROUND | 1 | E01 POWER GROUND | 0,75mm |
| G17 | POWER GROUND | 14 | E02 POWER GROUND | 0,75mm |
| G24 | POWER GROUND | | | 0,75mm |
| G18 | POWER +12V | 64 | +B EFI MAIN RELAY | 0,5mm |
| B18 | SENSOR GROUND | 42,23 | E2 SENSOR GROUND, G- | 0,5mm |
| G8 | IGNITION COIL 1 | 20 | IGT IGNITION | 0,75mm |
| G7 | INJECTOR 1 | 2 | INJECTOR 1 | 0,75mm |
| G15 | INJECTOR 2 | 3 | INJECTOR 2 | 0,75mm |
| G23 | INJECTOR 3 | 15 | INJECTOR 3 | 0,75mm |
| G6 | INJECTOR 4 | 16 | INJECTOR 4 | 0,75mm |
| G2 | STEPPER #1 WIND A | 62 | FC CIRCUIT OPENING RELAY | 0,5mm |
| G3 | STEPPER #2 WIND A | 35 | FPR FUEL PUMP RELAY | 0,5mm |
| G10 | STEPPER #1 WIND B | 18 | INTERCOOLER WATER PUMP RELAY | 0,5mm |
| G12 | AUX5 | 49 | W CHECK ENGINE LIGHT | 0,5mm |
| G21 | AUX1 | 4 | RSO IDLE SELENOID | 0,5mm |
| G13 | AUX2 | 5 | RSC IDLE SELENOID | 0,5mm |
| G19 | WBO HEATER | 6 | HT OXYGEN SENSOR HEATER | 0,75mm |
| G5 | AUX4 | 13 | TVIS SELENOID (ST185) | 0,5mm |
| G5 | AUX3 | 18 | INT (ST205) | |
| G20 | AUX4 | 17 | VISC (ST205) | |

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|------------|------------------------|-----------|------------------------------------|-----------------------|
| G4 | AUX6 | 12 | TPC TURBO PRESURE VSV | 0,5mm |
| G14 | INJ 5 | 8 | EGR (ST185) | 0,5mm |
| B5 | WBO VS | 29 | OX OXYGEN SENSOR | 0,5mm |
| B4 | CLT | 31 | THW WATER TEMP | 0,5mm |
| B21 | IAT | 41 | THAM INTAKE AIR TEMP | 0,5mm |
| B12 | TPS IN | 40 | VTA TPS IN | 0,5mm |
| B2 | KS #1 | 38 | KNK KNOCK SENSOR | 0,5mm shielded |
| B23 | +5V | 34 | VC SENSOR POWER | 0,5mm |
| B14 | VSS IN | 45 | SPD SPEED SENSOR | 0,5mm |
| B7 | PRIMARY TRIGGER | 10 | NE | 0,5mm shielded |
| B15 | CAMSYNC #1 | 9 | G2 | 0,5mm shielded |
| B20 | ANALOG #1 | 44 | AC1 A/C AMPLIFIER (?) | 0,5mm |
| B3 | ANALOG #2 | 61 | LEV INTERCOOLER WATER LEVEL | 0,5mm |

ST185 SOLENOIDS

| Name | Function | EMU Output |
|-------------------|---------------------------------|-------------------------|
| EGR | EGR control solenoid | INJ 5 (G14) |
| HT (ST185CS ONLY) | Lambda sensor heater | WBO HTR (G19) |
| W | Check engine light | AUX 5 (G12) |
| TPC | Turbo pressure control solenoid | AUX 6 (G4) |
| RSC, RSO | Idle control solenoid | AUX 1 (G21), AUX2 (G13) |

ST185 RELAYS

| Name | Function | EMU Output |
|---------------|------------------------|------------------------|
| FC | Circuit opening relay | STEPPER #1 WND A (G2) |
| FPR | Fuel pump relay | STEPPER #2 WND A (G3) |
| INT (ST185CS) | Intercooler water pump | STEPPER #1 WND B (G10) |

ST205 SOLENOIDS

| Name | Function | EMU Output |
|-------------|---------------------------------|-------------------------|
| VISC | A/C Idle up solenoid | AUX 4 (G20) |
| HT | Lambda sensor heater | WBO HTR (G19) |
| W | Check engine light | AUX 5 (G12) |
| TPC | Turbo pressure control solenoid | AUX 6 (G4) |
| RSC, RSO | Idle control solenoid | AUX 1 (G21), AUX2 (G13) |
| INT | Intercooler water pump | AUX3 (G5) |

ST205 RELAYS

| Name | Function | EMU Output |
|-------------|------------------------|------------------------|
| FC | Circuit opening relay | STEPPER #1 WND A (G2) |
| FPR | Fuel pump relay | STEPPER #2 WND A (G3) |
| INT | Intercooler water pump | STEPPER #1 WND B (G10) |

SW20 II SOLENOIDS

| Name | Function | EMU Output |
|----------------------|---------------------------------|-------------------------|
| EGR(US Version only) | EGR control solenoid | INJ 5 (G14) |
| HT (US Version only) | Lambda sensor heater | WBO HTR (G19) |
| W | Check engine light | AUX 5 (G12) |
| TPC | Turbo pressure control solenoid | AUX 6 (G4) |
| RSC, RSO | Idle control solenoid | AUX 1 (G21), AUX2 (G13) |

SW20 II RELAYS

| Name | Function | EMU Output |
|-------------|-----------------------|-----------------------|
| FC | Circuit opening relay | STEPPER #1 WND A (G2) |
| FPR | Fuel pump relay | STEPPER #2 WND A (G3) |

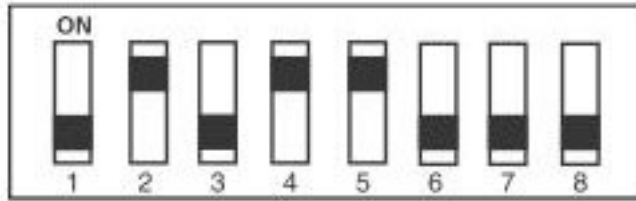
SW20 III SOLENOIDS

| Name | Function | EMU Output |
|-------------|---------------------------------|-------------------------|
| VISC | A/C Idle up solenoid | AUX 4 (G20) |
| HT | Lambda sensor heater | WBO HTR (G19) |
| W | Check engine light | AUX 5 (G12) |
| TPC | Turbo pressure control solenoid | AUX 6 (G4) |
| RSC, RSO | Idle control solenoid | AUX 1 (G21), AUX2 (G13) |

SW20 III RELAYS

| Name | Function | EMU Output |
|-------------|-----------------------|------------------------|
| FC | Circuit opening relay | STEPPER #1 WND A (G2) |
| FPR | Fuel pump relay | STEPPER #2 WND A (G3) |
| FAN | Fan (??) | STEPPER #1 WND B (G10) |

ST185 and SW20 II



ST205 and SW20 III

