



EAGLE EMS

ELECTRONIC ENGINE MANAGEMENT SYSTEM

Wiring Harness Order Form

SHIPPING INFORMATION:

NAME \_\_\_\_\_ ENGINE MODEL \_\_\_\_\_
ADDRESS \_\_\_\_\_ ORIGINATING ENGINE SHOP \_\_\_\_\_
A/C TYPE \_\_\_\_\_
PHONE# \_\_\_\_\_ SYSTEM S/N \_\_\_\_\_
E-MAIL \_\_\_\_\_ ECU S/N \_\_\_\_\_
REQUESTED DELIVERY DATE \_\_\_\_\_
CSR# \_\_\_\_\_ SO# \_\_\_\_\_ JO# \_\_\_\_\_

Note: Ensure that the measurements taken are from the outside of the connectors to the outside of the fastening devices. Add a sufficient amount of excess to your measurements to avoid over tensioning the harnesses. Lengths that exceed those listed below will incur an additional charge.

Give all measurements in Inches

1) ECU to Fuel Injectors

- Cylinder #1 Injector \_\_\_\_\_ Up to 50"
• Cylinder #2 Injector \_\_\_\_\_ Up to 50"
• Cylinder #3 Injector \_\_\_\_\_ Up to 50"
• Cylinder #4 Injector \_\_\_\_\_ Up to 50"
• Fuel Flow Gauge \_\_\_\_\_ Up to 90"
• Tachometer \_\_\_\_\_ Up to 90"

2) ECU to Sensors (Right)

- Speed Sensor \_\_\_\_\_ Up to 40"
• Fuel Pressure Sensor \_\_\_\_\_ Up to 50"
• CHT Sensor \_\_\_\_\_ Up to 58"
• IAT Sensor \_\_\_\_\_ Up to 58"

3) ECU to Sensors (Left)

- Speed Sensor \_\_\_\_\_ Up to 40"
• Fuel Pressure Sensor \_\_\_\_\_ Up to 50"
• CHT Sensor \_\_\_\_\_ Up to 58"
• IAT Sensor \_\_\_\_\_ Up to 58"
• Mixture Knob \_\_\_\_\_ Up to 90"



EAGLE EMS

ELECTRONIC ENGINE MANAGEMENT SYSTEM
Wiring Harness Order Form

NAME SYSTEM S/N
ECU S/N
CSR# SO# JO#

Lengths that exceed those listed below will incur an additional charge.

4) ECU to Power/Communications

- Right Circuit Breaker Up to 90"
Left Circuit Breaker Up to 90"
ECU to Battery ground Up to 40"
Left Comm connector Up to 90"
Right Comm connector Up to 90"
Annunciator Panel Up to 90"

5) PMU to Aircraft Power/Backup Battery:

- Aircraft Bus + Up to 90"
Right Circuit Breaker Up to 90"
Left Circuit Breaker Up to 90"
ECU Ground location Up to 36"
Key Switch Up to 90"
Eagle battery - Up to 45"
Eagle battery + Up to 45"
Annunciator Panel Up to 90"

6) Ignition Coils to Spark Plug (circle desired length)

- Right Coil to:
Cylinder 1 Top 23 30 35 41 47 50 57 63
Cylinder 3 Top 23 30 35 41 47 50 57 63
Cylinder 2 Bottom 23 30 35 41 47 50 57 63
Cylinder 4 Bottom 23 30 35 41 47 50 57 63
Left Coil to:
Cylinder 1 Bottom 23 30 35 41 47 50 57 63
Cylinder 3 Bottom 23 30 35 41 47 50 57 63
Cylinder 2 Top 23 30 35 41 47 50 57 63
Cylinder 4 Top 23 30 35 41 47 50 57 63