


M2 or M3 D4L Airtronic Install Kit



- Kit Contents**
- Mounting**
- Wiring System**
- Fuel System**
- Exhaust System**
- Air Ducting**

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M2 or M3 D4L Airtronic – Kit Contents

Heater Mount Bracket	Aluminium L bracket	1
Mounting Nuts	S/S 6mm	4
Mounting Lock Washers	S/S 6mm	4
Combustion Air Intake Muffler	12" intake hose/muffler	1
Air Intake Safety Screen	75mm O.D.	1
Heater End Hood	75mm or 90mm O.D.	1
Internal Cable harness	Harness AX2 12/24v	1
Power Harness	2c-12 Terminated	15 ft
Fuel Pump Harness	2c-16 Terminated	15 ft
Controller	Easystart Pro	1
Controller Harness	Easystart Pro Harness	15 ft
Fuel Line Pump to Tank	Polyprop 2mm white	3 ft
Fuel Line Pump to Heater	Polyprop 2mm white	15 ft
Fuel Line Connector	Rubber 3.5mm 2"	3
Fuel Line Adapter	Rubber 3.5mm to 5mm 2"	1
Clamp for Fuel Line Heater Side	S/S 9mm	7
Clamp for Fuel Line Tank Side	S/S 10mm	1
Fuel Pump Mount	Rubber low noise	1
Exhaust Flexible Stainless Steel	30mm double wall	6.5 ft
Exhaust Sleeve	2" fiberglass sock	6.5 ft
Exhaust Elbow	S/S 24mm to 30mm	1
Exhaust Thru-Hull S/S	30mm angled S/S	1
Gasket for Thru-Hull Silicon	45 x 30 x 3 mm	1
Clamp Elbow to Heater	S/S 26mm	1
Clamp Elbow to Thru-Hull	S/S 30-33mm	2
Clamp for Intake Muffler	S/S #12	1
Clamp for Exhaust Sleeve	S/S #24	2
Main Breaker	15 amp	1
Bracket for Breaker	Small S/S	1
Breaker Disconnects	12-10ga Yellow Female	2
Power Ring Terminals	5/16" 12-10ga Yellow	2
Air Ducting	75mm or 90mm flex high temp	20 ft
Main Hot Air Outlet	75mm or 90mm swivel open	1
2nd & 3 rd Outlet	75mm or 90mm closable flush	2
Y Branch	75mm or 90mm Y branch	2

2 Kit Options Available

Marine Install Kit (no ducting)

Comes with everything except air ducting.

Marine Install Kit (3 outlet ducting)

Add 20' ducting, outlets, and y-branches to marine kit for a two-outlet installation.

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Install Kit Diagrams**

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M2 or M3 D4L Airtronic – Heater Mount

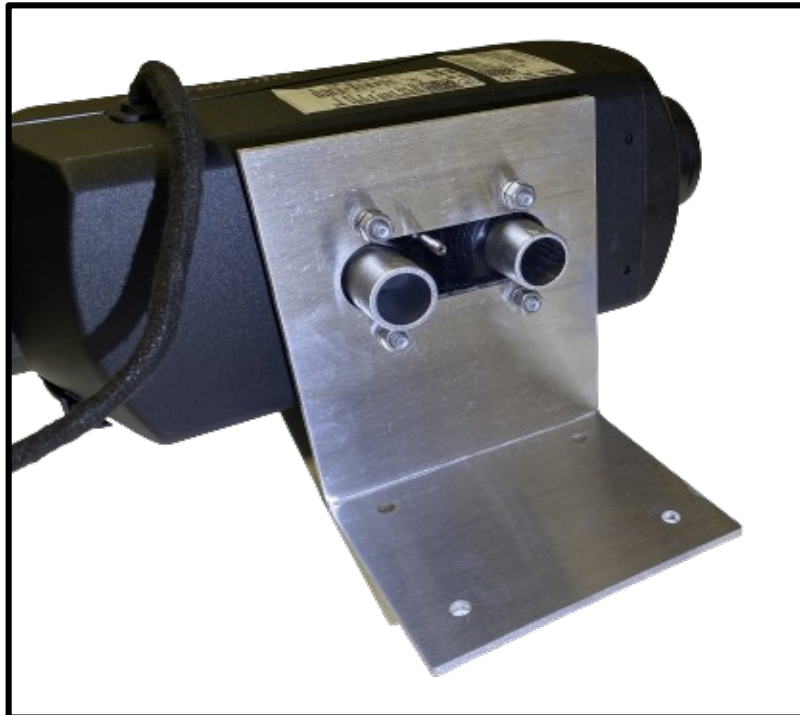
Espar M2/M3 D4L Air



Kit Item
Heater Mounting
Bracket



Kit Item
4 x nuts and lock-washers
Attach bracket to 4 x threaded studs
On underside of heater



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M2 or M3 D4L Airtronic – Wiring (Power)

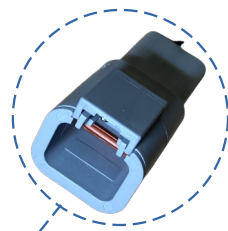
Espar M2/M3 D4L Air



Kit Item
Airtronic Main
"Short" Harness



Detail



Kit Item
Power Harness (15')

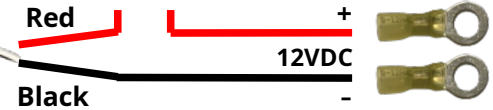


Kit Item
Breaker
Bracket



Kit Item
Main Breaker

Kit Item
Breaker
Disconnects



Kit Item
Ring Terminals

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M2 or M3 D4L Airtronic – Wiring (Fuel Pump)

Espar M2/M3 D4L Air



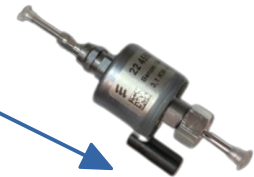
Kit Item
Airtronic Main
"Short" Harness



Kit Item
Fuel Pump Harness (15')



Fuel Pump
Packaged with heater



Detail

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M2 or M3 D4L Airtronic – Wiring (Controller)

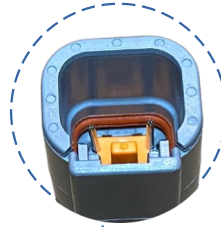
Kit Item
EZ Start Pro Controller

Espar M2/M3 D4L Air



Kit Item
Airtronic Main
"Short" Harness

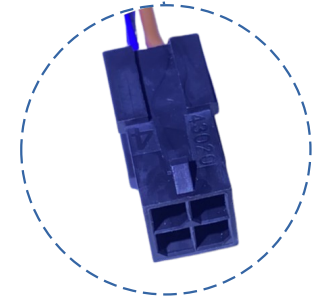
Detail



Kit Item
Controller
Harness



*User-Assembled
Plug*




Detail

**DO NOT REMOVE
BLACK TERMINATOR PLUG
From this location**

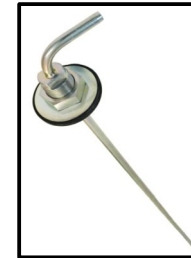
**MOVE GREY TERMINATOR
PLUG**

FROM: Short Harness
TO: Controller Harness

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M2 or M3 D4L Airtronic – Fuel System

Espar M2/M3 D4L Air



Add Optional
Fuel Pickup Tube



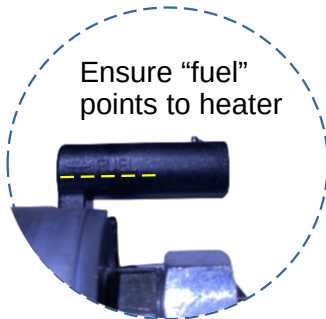
Add Optional
Portable fuel tank

Kit Item
Fuel Line Heater to Pump
15 ft (2mm white)

Kit Item
3 x Rubber 3.5mm 2" Connectors
-Heater to pump to pickup

Kit Item
7 x Fuel Line Clamps 9mm

Kit Item
1x Fuel Line Clamps 10mm



Ensure "fuel" points to heater

Fuel Pump
Packaged with heater

Kit Item
Fuel Line Pump to Tank
3 ft (2mm white)

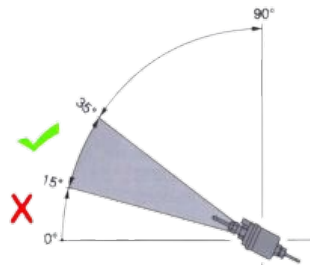
Kit Item
1x Rubber 3.5-5mm Adapter
- pickup/tank

To existing diesel tank pickup



Kit Item
Fuel Pump Mount

Pump must be installed with flow spigot upward, between 15 and 35 degrees, to ensure air doesn't get stuck inside.



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M2 or M3 D4L Airtronic – Exhaust System



Espar M2/M3 D4L Air

Kit Item
1 x HAS12 Clamp
For Air Intake



Kit Item
1 x Exhaust Clamp 26mm
Heater to Elbow



Kit Item
Combustion Air
Intake Muffler



Kit Item
Exhaust Elbow
24mm to 30mm



Kit Item
6.5' Flexible Exhaust
30mm Twin Wall



Kit Item
2 x Exhaust Clamp 30mm
Elbow to Exhaust &
Exhaust to Thru-Hull



Kit Item
Exhaust Thru-Hull
Stainless



Kit Item
6.5' Exhaust Sleeve
2" Fiberglass



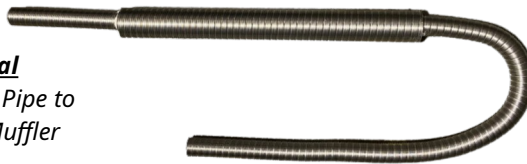
Kit Item
2 x HAS24 Clamps
For exhaust sleeve



Kit Item
Silicone Gasket
For Thru-Hull



Add Optional
Upgrade Exhaust Pipe to
Inline Exhaust Muffler



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M2 or M3 D4L Airtronic – End Hood

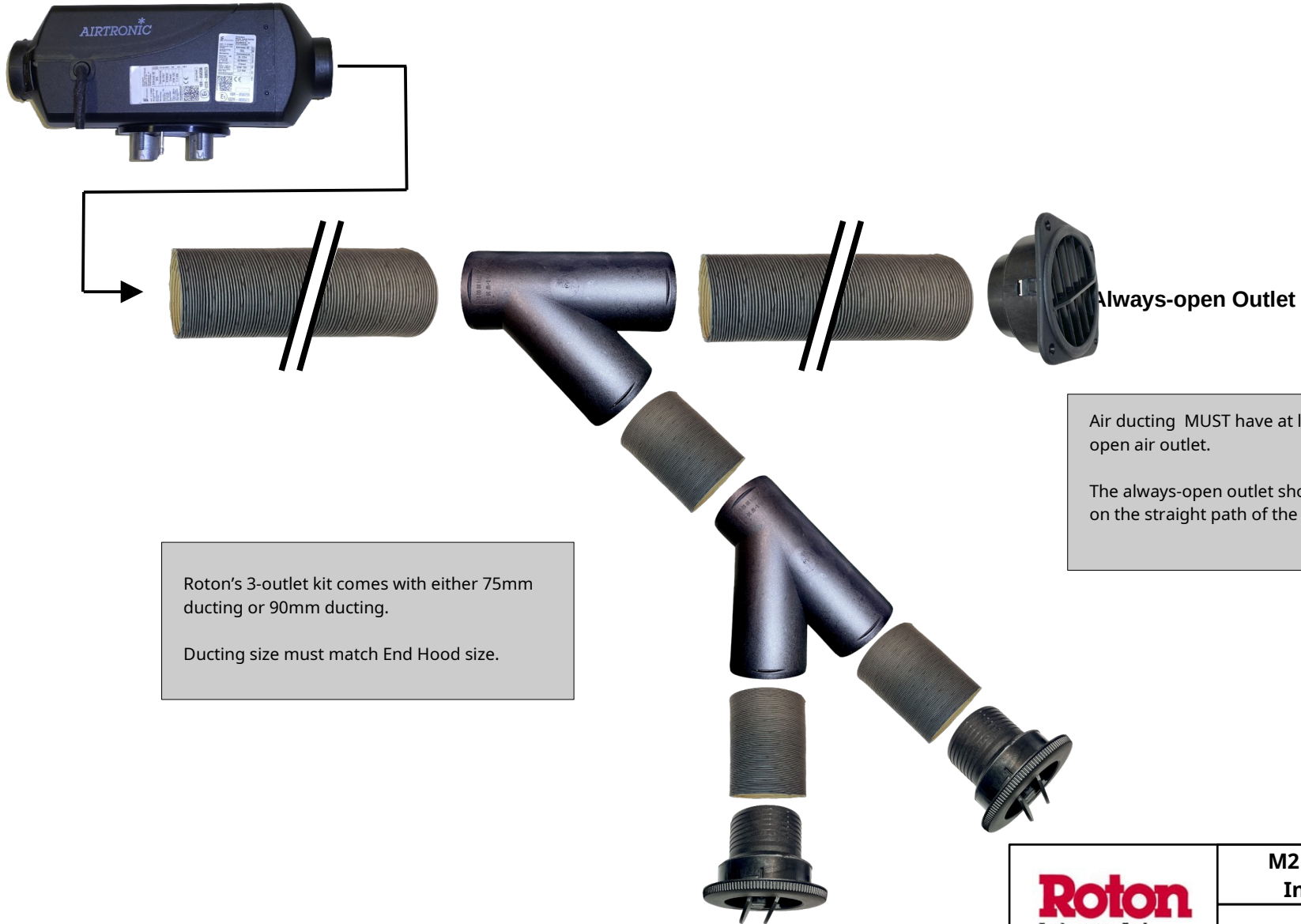


Optional

The D4L Can be equipped with a 75mm end hood or a 90mm end hood, depending on desired air duct diameter..

M2 or M3 D4L Airtronic – Typical Hot Air Ducting


Espar M2/M3 D4L Air



Roton's 3-outlet kit comes with either 75mm ducting or 90mm ducting.
Ducting size must match End Hood size.

Air ducting **MUST** have at least one always-open air outlet.
The always-open outlet should be installed on the straight path of the first y-branch.

Closeable Outlets

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M2 or M3 D4L Airtronic – EasyStart Pro Controller



For complete instructions on this controller:

- please refer to enclosed Espar documentation

General Operation:

- rotate the knob to move cursor or change value
- push the knob to confirm


First Time Activation:

- follow prompts, set date and time, choose “no” for any unknown fields

To Turn Heater ON or OFF:


- Push and hold knob for more than 2 seconds (ring will turn red)

To Change Temperature & Operating Time:

- use knob to select the heat icon  & push to confirm
- select temperature & push to confirm
- select time (infinite can be set by scrolling down past 10 minutes) & push to confirm

Status (Ring) Colors:

- Red = Heating Mode
- Blue = Air Only Mode
- White = System Mode
- Red Flashing = Fault

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