QwikProducts®
by Mainstream Engineering Corporation®

# QwikSwap®
## Universal ECM Blower Motor Replacement

QT6100/ QT6101/ QT6104

# QwikSwap®

## The ECM Motor Change-Out Solution... That's On Your Truck!

- Direct replacement for any Constant Torque or Variable Air Flow ECM motor up to 1 HP
- ***The solution is on your truck*** – No need to wait and pay for that expensive OEM motor replacement
- Provides Variable Blower Air Flow (except the X1, QT6101)
- Fast Replacement, without programming; simply transfer the connection from the ECM motor to the Qwik**Swap**® Board and wire the Qwik**Swap**® board to any PSC motor
- Both the Qwik**Swap**® **X3** and **V3** automatically select the optimum PSC motor blower speed (Low, Medium or High) every time the unit cycles on
- Both the Qwik**Swap**® **X3** and **V3** provide improved humidity removal compared to fixed-speed operation (56% improvement at 82°F, 157% at 97°F outdoor air temperature)

## A Qwik**Swap**® for all ECM Motors!

### *ECM Constant Torque Motors*

***Use...***

QT6100
Qwik**Swap**® **X3**

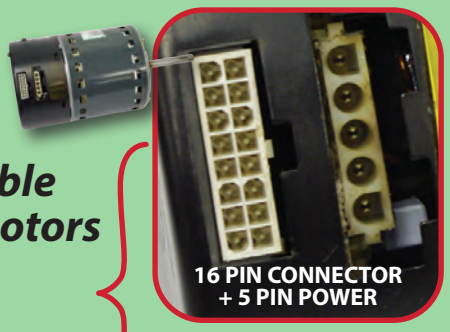
***Or...***

QT6101
Qwik**Swap**® **X1**


### *ECM Variable Air Flow Motors*

***Use...***

QT6104
Qwik**Swap**® **V3**





- Patent-pending high efficiency designs
- Equipped with 6,000 Amp, 100 Joules surge protection on all high voltage circuits
- Both the Qwik**Swap**® **X3** and **V3** work with ***optional Humidity Sensor*** (QT6001) for enhanced humidity removal

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## The Low-Cost, Robust Alternative to Expensive Unreliable ECM Motors

It is impractical to have all the different variations of ECM motors on the truck, so a failed ECM blower motor typically means a trip to the parts house and a few hours wasted.

## *Now you can have the solution on the truck and save money too.*

Qwik**Swap**® is a money saving solution that allows the replacement of a failed OEM ECM, X13® or SelecTech® Motor with a lower cost, more reliable, Permanent Split Capacitor (PSC) motor, along with a capacitor.

## *There is a* Qwik**Swap**® *board for every type of ECM motor...*

and it is a solution you can have on the truck, and no custom programming is required. Qwik**Swap**® boards operate with any PSC motor up to 1 horsepower, either 120 or 240 VAC single phase.

### Qwik**Swap**® X1 (QT6101)

The basic Qwik**Swap**® **X1** (QT6101) provides a **single technician-selected motor speed** when replacing a failed OEM **Constant Torque ECM**, X13® or SelecTech® motor. Installation is as easy as moving wires from the failed ECM motor to the Qwik**Swap**® **X1** board, then connecting the replacement PSC motor's common and power lead to the Qwik**Swap**® **X1** board (along with a capacitor). *Protected by U.S. Patents #9,417,005 & #9,207,001.*

### Qwik**Swap**® X3 (QT6100)

Qwik**Swap**® **X3** (QT6100) provides replacement of a failed OEM **Constant Torque ECM**, **X13® or SelecTech® motor** with Permanent Split Capacitor (PSC) motor while also **ADDING performance improving variable blower air flow capability** - like high end systems have. Installation is as simple as moving the wires from the failed ECM motor to the Qwik**Swap**® **X3** board, then connecting the replacement PSC motor's common and three power leads (one for each speed) to the Qwik**Swap**® **X3** board (along with a capacitor). *Protected by U.S. Patents #9,417,005 & #9,207,001.*

### Qwik**Swap**® V3 (QT6104)

Qwik**Swap**® **V3** (QT6104) provides replacement of a failed OEM **Variable Air Flow Rate ECM 2.0. 2.3, 2.5 or 3.0 motor** with a Permanent Split Capacitor (PSC) motor while **maintaining variable blower air flow capability**. As with any QwikSwap, installation simply requires moving wires from the failed ECM motor to the Qwik**Swap**® **V3** board, then connecting the new PSC motor's common and the three power leads (one for each speed) to the Qwik**Swap**® **V3** board (along with a capacitor). *Protected by U.S. Patents #9,417,005 & #9,207,001.*

### Optional Humidity Sensor (QT6001)

While Qwik**Swap**® **X3**, Qwik**Swap**® **V3** and our Qwik**SEER+**® **WattSaver** all provide variable blower air flow leading to improved humidity removal, if humidly remains an issue these control boards have a simple plug-in connection for this optional humidly sensor. When installed on the control board and the relative humidity in the return air is measured to be greater than 50%, the control board control logic changes from maximizing performance to maximizing moisture removal. Once the humidity drops to below 50%, the control board returns to optimizing performance.

*For more details or information about* Qwik**Swap**® *visit* **www.qwik.com**



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