

**RTR**  
READYTORUN  
MURPHY PANELS

# FOR DOOSAN ENGINES

HIGH PERFORMANCE PANEL SYSTEM  
TO QUICKLY OPTIMIZE YOUR WORK



**MURPHY**<sup>®</sup>  
by **ENOVATION** CONTROLS

# MURPHY *READYTORUN* PANELS

Say goodbye to the days of searching for parts and putting together a piecemeal system to control your Doosan engine. Your time is valuable, which is why Murphy's Ready To Run Panels bring everything together for superior engine control to offer you a convenient, economical solution.

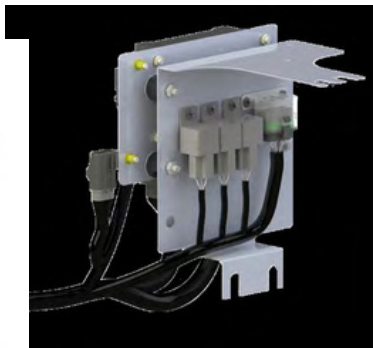
After investing in your Doosan engine, you want to get the most out of it. Select a plug-and-play Murphy RTR Panel to quickly optimize your work, whether you need monitoring only or more sophisticated full engine control. With several RTR panel options, it will be easy to find your ideal solution.

## DOOSAN D10 ENGINE PANEL SERIES

- Economical engine monitoring solution
- Solution includes PV380, on/off switch and engine harness mounted on ECU bracket
- Available as a stand-alone controller or in-panel solution (shown below)



FRONT



BACK



Optional sheet metal panels  
(PV380 and on/off switch not included with purchase)



## THE ECONOMICS OF MURPHY'S *READYTORUN* PANELS

In the engine business, downtime is a dirty word. Get up and running quickly with Murphy's RTR panels, which deliver a complete package and quick installation, saving you valuable time on the shop floor. Time is money, and with RTR, you won't waste time searching for parts to make a compromised solution at a cost which could amount to significantly more than a plug-and-play RTR solution.

Save time, money and effort—it all adds up to Ready to Run as the perfect solution.

# DOOSAN D18, D24, D34 AND D34 SCR PANEL OPTIONS

Murphy RTR panels are designed to withstand harsh environments and feature a fully sealed, Final Tier 4 ready control panel designed for quick installation. Each is configurable from the front user interface, including adjusting RPM set points, making set-up quick and easy. All RTR panels offer optional I/O harnesses and mounting brackets for a truly turnkey solution.

## ENGINE HARNESS AND MOUNTING BRACKET\*



\*Choose the harness that matches your engine for a complete plug-and-play solution



## MLC380

### TOP FEATURES

- Economical engine monitoring solution
- Built-in shutdown from low oil pressure
- Rugged powder-coated steel enclosure that can be mounted on or near the engine



## TEC-10

### TOP FEATURES

- Economical auto-start solution
- Built-in shutdown from low oil pressure, high temperature and high speed
- Additional shutdown can be configured using included I/O



## MURPHYLINK® 000-4X

### TOP FEATURES

- Economical auto-start solution
- Built-in shutdown from low oil pressure, high temperature and high speed
- Additional shutdown can be configured using included I/O
- Hinged door for extra protection



## MURPHYLINK® 2000-4X

### TOP FEATURES

- Advanced auto-start solution
- Large 3.8-inch monochrome transfective LCD, easily viewable in full sun
- Additional shutdown can be configured using included I/O
- Hinged door for extra protection

# READYTORUN PANELS FOR DOOSAN ENGINES

## D18/D24/D34

### Panel Model

MLC380-DOOSAN STD, G2 ENGINES  
ML1000-4X, RTR DOOSAN, G2 ENGINES  
ML2000-4X, DOOSAN STD, G2 ENGINES  
TEC-10, DOOSAN RTR CONTROLLER

### Engine Harnesses

MIH-DO-56P-T4F-D18/D24  
MIH-DO-56P-T4F-D34-6  
MIH-DO-56P-T4F-D34SCR-6

### Accessories

I/O HARNESS, MLC380, DOOSAN RTR  
I/O HARNESS, ML1000  
I/O HARNESS, ML2000  
31-POSITION CONNECTOR KIT (I/O)  
ES2F-FUEL SENDER

### Part Number

32-09-0059  
40-09-0066  
40-09-0067  
40-09-0073

### Part Number

32-00-0197  
32-00-0173  
32-00-0201

### Part Number

78-00-1180  
40-00-0603  
40-00-0565  
78-70-0046  
05-70-5669

### Description

Panel for D18/D24/D34  
Engines Panel for  
D18/D24/D34 Engines Panel  
for D18/D24/D34 Engines

### Description

Panel for D18/D24/D34  
Engines  
Engine Harness for D18/D24  
Engines Engine Harness for D34  
LHP Engines Engine Harness for  
D34 SCR Engines

### Description

I/O Harness for MLC380, 10 Feet  
I/O Harness for ML1000, 10 Feet  
I/O Harness for ML2000, 10 Feet  
I/O Connector Kit  
Fuel Level Sender

## D10

### Panel/Engine Harnesses

HARNESS, W/PV380-D10-4500  
  
HARNESS, W/PV380-D10-4800

### Part Number

32-00-0220  
  
32-00-0223

### Description

Comes w/ PV380, ON/OFF switch,  
engine harness, ECU bracket, relays  
  
Comes w/ PV380, ON/OFF switch,  
engine harness, ECU bracket, relays

### Accessories

ENCLOSURE KIT

### Part Number

78-00-1276

### Description

Sheet metal for PV380 and  
ON/OFF switch mounts to ECU  
bracket

Get your Ready to Run Panel and get to work.

### CONTACT

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FM 28221 (Tulsa, OK - USA)  
FM 29422 (UK)



**WARNING:**  
This product can expose you to  
chemicals including lead, which is  
known to the State of California to  
cause cancer. For more information,  
go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

