

TRAXXAS® REVO™

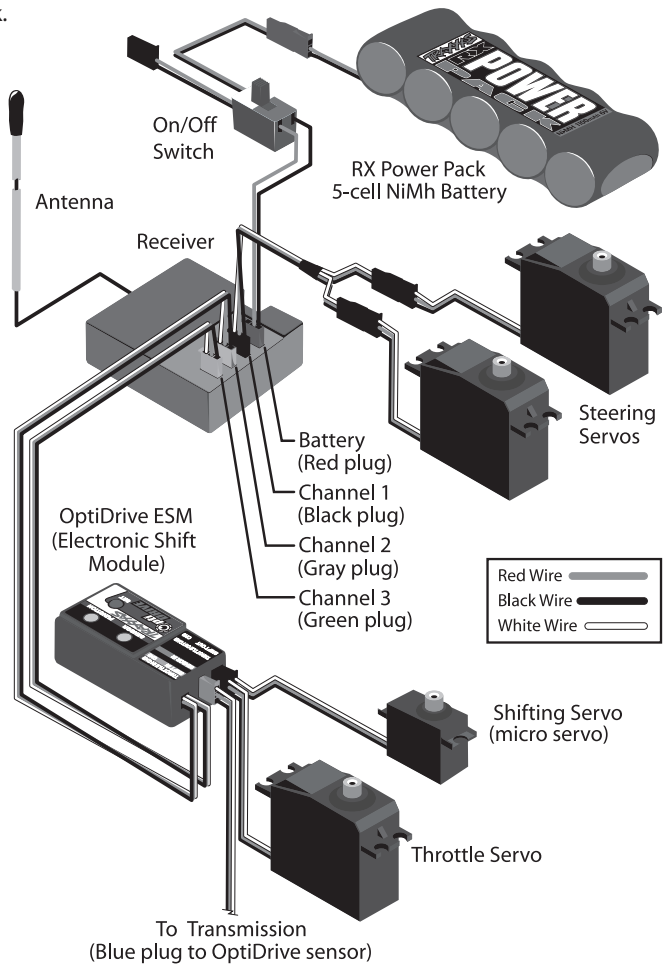
OptiDrive Wiring

Covers Parts #5397, 5398

Revo is equipped with two high-torque steering servos connected via a "Y" plug adapter (one input, two equal outputs). The TQ-3 works in conjunction with the OptiDrive Electronic Shift Module to monitor and control the input and output signals for the throttle and shifting servos (channels).

The OptiDrive monitors the voltage of the onboard RX Power Pack.

The "Function" LED will flash red if the battery voltage is too low. Once installed, the OptiDrive will need to be programmed to your transmitter.



OptiDrive Operation

- **Green "Function"**
Shift allowed
- **Red flashing "Function"**
Low battery.
- **Red "Sensor"**
Sensor circuit is broken. Possible disconnected sensor, broken wires, or damaged sensor.
- **Blue flashing "Sensor"**
Normal operation as vehicle moves. Indicates signal pulse from sensor. Depending on the rotor position, solid blue or off when vehicle is at rest.

OptiDrive Programming

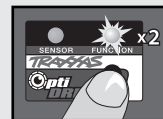
OptiDrive Programming Precautions

Ensure these conditions are met before programming:

- The engine is OFF.
- The transmitter is turned ON and has been adjusted as described above (see *Transmitter Setup* section above).
- The vehicle's power is ON.
- The OptiDrive is connected to the receiver.
- Always program the OptiDrive when engine is not running.

Programming the OptiDrive

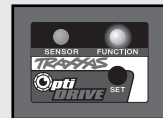
Press and hold the OptiDrive SET button (with the transmitter throttle at neutral) until the OptiDrive's function LED flashes green twice (about 2-3 seconds). Release the button immediately. You are now in programming mode. If the set button is released before the function LED flashes green twice, the OptiDrive programming will have to be repeated.



Pull the transmitter throttle trigger to the full throttle position. Hold it at full throttle until the function LED flashes green three times. Release the transmitter throttle trigger allowing it to return to neutral. The throttle servo will not move during programming even if it is connected to the OptiDrive.



The function LED will turn solid green, indicating that the shifting servo is OK to shift and the programming has been completed. If you experience any problems during programming, turn off the receiver and repeat the programming steps. The OptiDrive is now programmed and ready to go!



Note: Any time the transmitter settings are changed, the OptiDrive will have to be reprogrammed.

If you have questions or need technical assistance, call Traxxas at:

1-888-TRAXXAS

(1-888-872-9927) (U.S. residents only)