

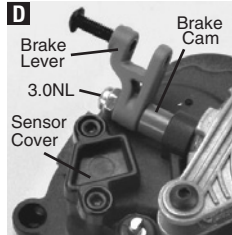
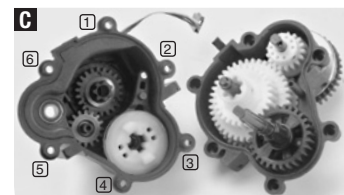
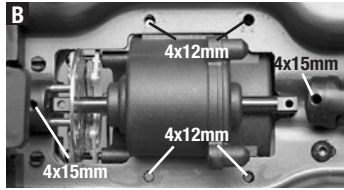
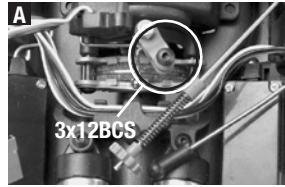
Forward-Only Conversion Kit Installation

Covers Part #5394X



Removing the transmission

- Remove the brake linkage from the brake arm by loosening the 3x12BCS (button-head cap screw). See image A below. Disconnect the reverse linkage from the reverse shift spring.



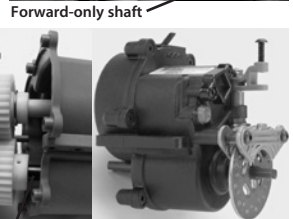
Components removed from the transmission

- Raise the cover on the right radio box and remove the blue sensor plug from the OptiDrive™ module.
- Disconnect the transmission skid plate from the bottom of the chassis by removing the four 4x12BCS (image B).
- Remove the two 4x15mm screw pins (image B) that secure the front and rear transmission yokes to the transmission output shaft. Remove both of the transmission yokes from the output shaft, leaving the drive shafts connected to the differentials. Lift the transmission out of the chassis.

Replacing the forward/reverse gears with the forward-only components

- Remove the six 3x12CCS (countersunk cap screws) from the transmission case, and carefully separate the two gearbox halves (image C).
- Remove the OptiDrive sensor from the gearbox half and replace the sensor with the included cover (image D). Use the same two 2.5x6CS (cap screws).
- Remove the 3.0NL (nylon locknut) and the brake lever from the brake cam to access the shift fork spring. Remove the shift fork spring from the brake cam and reinstall the brake lever and 3.0NL back onto the brake cam. **Note:** The shift spring and sensor will not be reused.
- Slide the shift fork with the drive dog carrier out of the gearbox half, and plug the shift fork hole with the included blue plug (image E). (**Note:** The black shift shaft seal is glued to the gearbox half from the factory. The plug can be inserted into the gearbox with or without the seal installed.) Remove the reverse idler gear and the plastic gear support. Remove the forward and reverse output gears, output shaft, and drive dog carrier, along with all four PTFE washers (PTW) located on the output shaft. Remove the forward and reverse primary

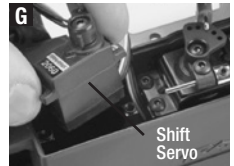
gears (5396X) from the primary shaft, and replace them with the supplied forward-only primary gear. Secure the gear onto the shaft with the supplied 2.0mm pin and C-clip (see images F1 and F2 for correct orientation).



- Install the forward-only shaft with output gear into the rear gearbox half, and carefully join the two gearbox halves together (see image F2 for orientation). Remember to insert the brake disc between the brake calipers before joining the two gearbox halves. The output shaft (forward-only shaft) must go through the center of the brake disc (located between the brake calipers). Fasten the halves together with six 3x12CCS.

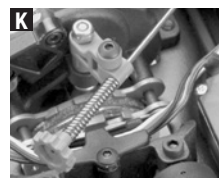
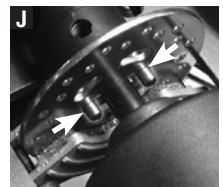
Removing the electronics from the chassis

- Unhook the air filter from the electronics box, and remove the cover to access the shift servo. Remove the shift servo from the radio box (see image G) and unplug the servo from the OptiDrive module. Set the servo aside, it will not be reused. Reinstall the cover on the electronics box, and place the air filter back into the retainer.
- Unplug the throttle servo from the OptiDrive module. Unplug the OptiDrive module from channels 2 and 3 on the receiver (2-plugs = 1-gray, 1-green) (see image H). Plug the throttle servo into the CH2 port on the receiver.
- Reinstall the cover onto the right side radio box and snap the small plastic cover (included) into the hole where the OptiDrive module was located (see image I).



Reinstall the transmission

- Set the transmission back onto the chassis and slide the front and rear output yokes back onto the output shafts of the tranny. The torque pins on the front output yoke should key into the slots stamped into the disc. Secure the yokes with the two 4x15mm screw pins (see image J).
- Secure the transmission and the transmission skid plate to the chassis with the four 4x12BCS.
- Reconnect the brake linkage to the brake arm and secure it with the 3x12BCS. This completes the procedure (see image K).



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

1-888-TRAXXAS

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

