



BMW X3 3.0d (E83) Plasticgear in the transfercase Replacement

Symptoms: 4x4, Brake, ABS warninglights are on. Only rearwheeldrive.

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Step 1 — Lift the car up



- Lift your car with a carlift.

Step 2 — Transmissionjack



- Place a transmissionjack under your transmission.

Step 3 — Remove Transmissioncarrier



- Remove the transmissioncarrier.

Step 4 — Remove Heatshield



- Remove the heatshield (you can remove one screw and bend it back).

Step 5 — Remove Servomotor



- Remove the servomotor (four ET10 screws and the cable).

Step 6 — Remove Motor



- Remove the motor by unscrewing the four T25 screws.

Step 7 — Remove Gasket



- Remove the gasket with the metalplate.

Step 8 — Remove Snapping



- Remove the snapping and the washer underneath.

Step 9 — Remove Plasticgear



- Remove the plasticgear.

To reassemble your device, follow these instructions in reverse order.