

SUBARU WRX '15+ SHORT THROW SHIFTER

TOOLS REQUIRED

M7, M8, M10, M12 sockets
M10, M12, M15 box
M3 allen wrench
Flat screw driver
Phillips screw driver
Snap ring pliers

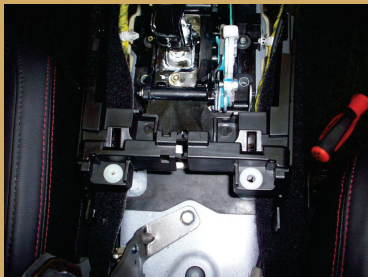
Small punch
Hammer

MATERIALS REQUIRED

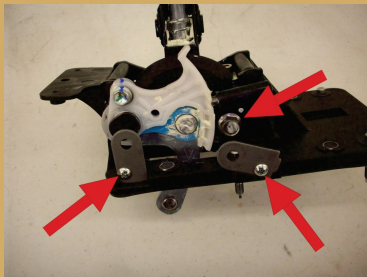
Mobil 1 synthetic grease

<p>1 When lifting the car always use stands to secure the car.</p>	<p>2 Remove the heat shield.</p>	<p>3 Remove the shifter cover plate.</p>	<p>4 Pry off the side shift cable.</p>
			
<p>5 Spread the locking spring apart and disconnect the main shift cable.</p>	<p>6 Remove the nuts holding the shifter assembly from the bottom.</p>	<p>7 Remove the shift knob.</p>	<p>8 Remove the hand brake boot by pulling it upward.</p>
			
<p>9 Remove the front bolt securing the center console.</p>	<p>10 Remove the rear bolts securing the center console. Move the center console to the back.</p>	<p>11 Remove the shifter cover by pulling it back.</p>	<p>12 Remove the side panel screws and the shifter base screws.</p>
			

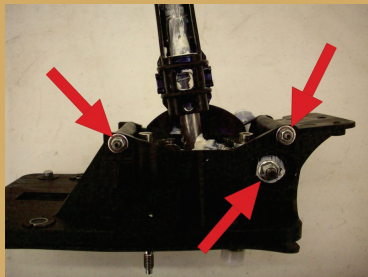
13 Spread the side panel walls apart. Remove the shifter assembly.



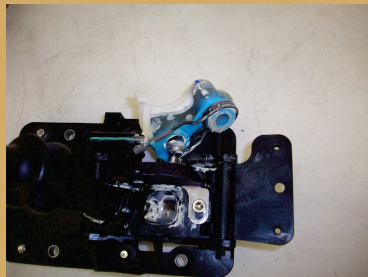
14 Remove the wire harness brackets and the neutral lock's plunger.



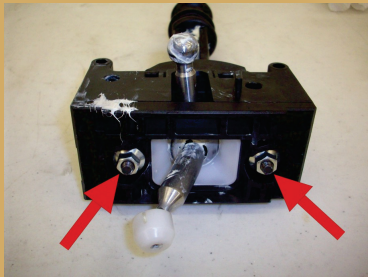
15 Remove the side shift arm's bolt and the shifter subassembly bolts.



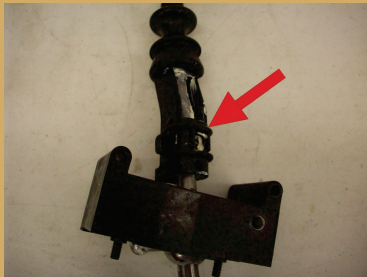
16 Remove the side shift arm.



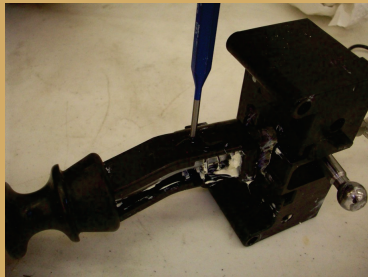
17 Remove the shifter subassembly cover and the bottom half of the pivot bushing.



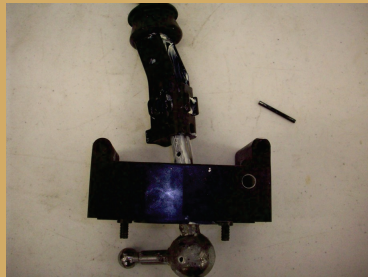
18 Remove the o-ring.



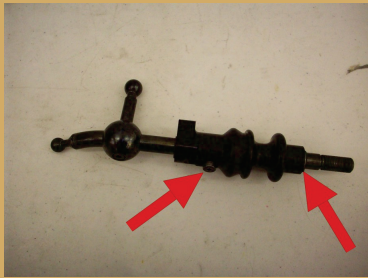
19 Punch out the roll pin.



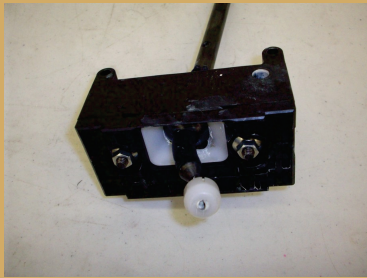
20 Remove the reverse lock. Remove shift lever from the base.



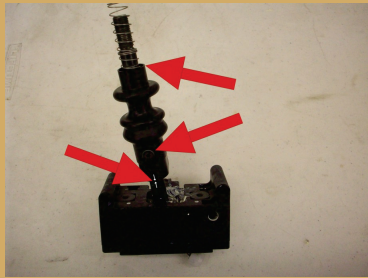
21 Prepare Boomba Racing Short Throw Shifter for assembly. Remove the top snap ring and the return springs. Remove the orientation shoulder screw. Remove the reverse lock slide. Grease all ball joints.



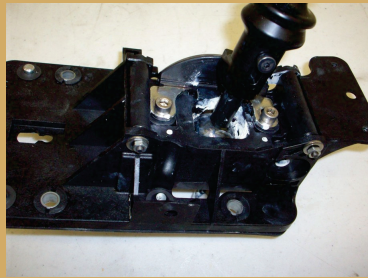
22 Insert the shifter arm into the base. Install the pivot bushing bottom half and secure the shifter subassembly cover. Install the adaptor bushing on the shifter arm.



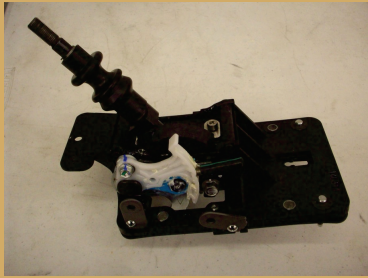
23 Install the reverse lock slide. **Align arrows on the side of the reverse lock and the shifter shaft.** Install the orientation shoulder screw. Install return springs and secure them with the snap ring.



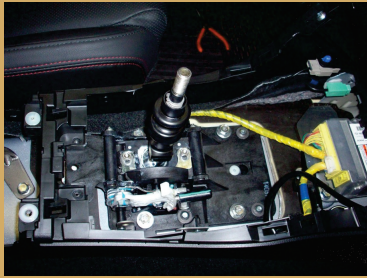
24 Secure the shifter subassembly to the shifter base.



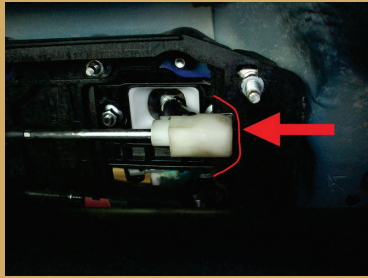
25 Install and secure the side shift arm. Install the plunger lock and the wire harness brackets.



26 Install the shifter base and secure it to the floor. Assemble the shifter cover. Install the center console and the hand brake boot. Install shift knob.



27 Secure shifter to the floor from the bottom. Reconnect the cables. Have someone shift into 3rd gear and push lever all the way forward. Check for the shifter cable adaptor and the housing interference. Trim the housing if necessary.



28 Install the bottom shifter cover and the heat shield.

