

KIA FORTE STS & SHIFTER BUSHINGS

TOOLS REQUIRED

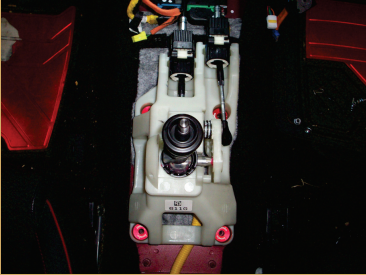
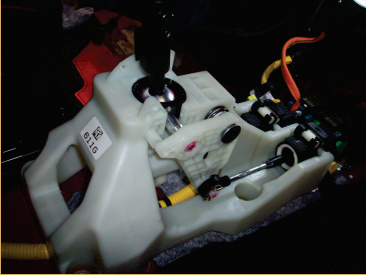


M10 socket wrench	Wire cutters
M12 socket wrench	Interior trim tool
3 MM allen wrench	Hooked pick
Flat screw driver	Plastic hammer
Small flat screw driver	Dremel with cut off wheel
Phillips screw driver	

MATERIALS REQUIRED

Mobil 1 synthetic grease

1	Remove the left trim panel.	2	Remove the left panel screw.	3	Remove the right trim panel.	4	Remove the right panel screw.
							
5	Remove the shift knob by pulling it straight up. Remove the shifter boot.	6	Remove the shifter bezel.	7	Disconnect wire harnesses. Remove the bezel.	8	Disconnect wire harness from the center console.
							
9	Remove the parking brake cover.	10	Remove the center console bolts. Remove the center console.	11	Remove the screw holding the rear air duct. Remove the duct.	12	Remove the center console's support bracket.
							

<p>13</p>	<p>Remove the spring clip securing the side shift link. Remove the side shift cable from the shifter base.</p>	<p>14</p>	<p>Separate the spring clips and disconnect the main shift cable.</p>
			
<p>17</p>	<p>Cut the spring clip with the Dremel tool and remove the side shift arm.</p>	<p>18</p>	<p>Remove plastic cup from the shifter arm.</p>
			
<p>21</p>	<p>Remove the ball bushing.</p>	<p>22</p>	<p>Tap out the shift lever from the housing.</p>
			
<p>25</p>	<p>Reinstall shifter shaft.</p>	<p>23</p>	<p>Grease the main shifter ball and the ball at the end of the shifter shaft. Install the ball bushing and the plastic cup. Don't install the reverse lock.</p>
			
			

29	Install the shifter bushings. Secure shifter base to the floor.	30	Connect the shift cables and lock it to the shifter base.	31	Reinstall the center console support bracket and the AC air duct.	32	Reinstall the center console and the shifter bezel. Reconnect the wire harnesses.
							
33	Remove the plastic trim from the shift boot.	34	Push the reverse lock through the boot. Rotate it to the proper orientation. Secure it to the boot with the zip tie.	35	Secure the reverse lock to the shifter shaft.	36	Install the top trim, the shelf with the cover, the shift knob and the side trim. Line up and press the shift pattern button.
