






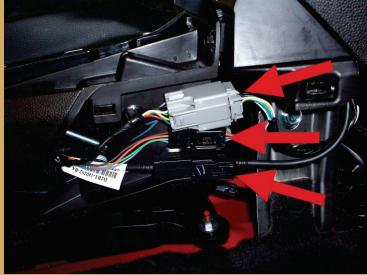

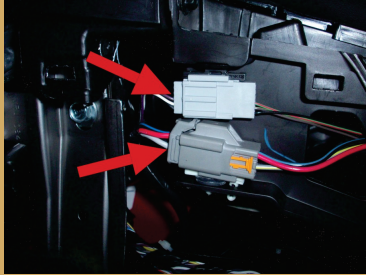




# FORD FIESTA ST SHORT THROW SHIFTER

## TOOLS REQUIRED

M7 socket wrench  
M8 socket wrench  
T30 Torx tool bit  
Phillips screw driver  
Flat screw driver  
Small flat screw driver  
Needle nose pliers  
Flat file  
Small hammer  
Wire cutters

## MATERIALS REQUIRED

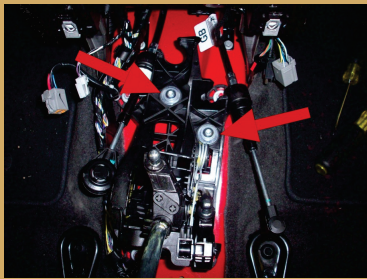
Mobil 1 synthetic grease

<p><b>1</b></p> <p>Remove the center console rear bolts.</p>	<p><b>2</b></p> <p>Remove the shift knob.</p>	<p><b>3</b></p> <p>Remove the trim panel by pulling it to the rear of the car and up.</p>	<p><b>4</b></p> <p>Disconnect the electrical connections to the trim panel.</p>
			
<p><b>5</b></p> <p>Remove the right cover panel completely.</p>	<p><b>6</b></p> <p>Disconnect the power and the USB connectors.</p>	<p><b>7</b></p> <p>Remove the left cover panel completely.</p>	<p><b>8</b></p> <p>Disconnect the electrical connectors.</p>
			
<p><b>9</b></p> <p>Remove the shifter cover.</p>	<p><b>10</b></p> <p>Remove the center console front bolts.</p>	<p><b>11</b></p> <p>Remove the center console by pulling it back and up.</p>	<p><b>12</b></p> <p>Disconnect the shifter cable links.</p>
			

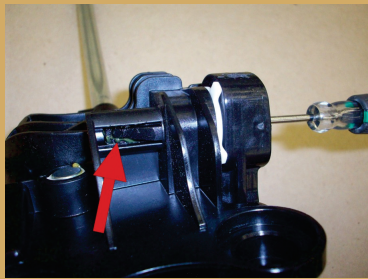
**13** Remove the shifter cables. Pull the spring loaded ring away from the shifter base to release the shifter cable.



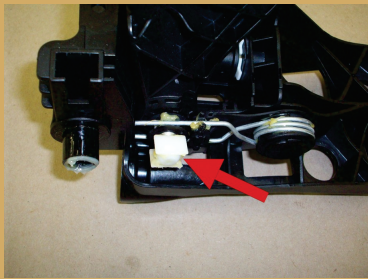
**14** Remove the shifter base screws.



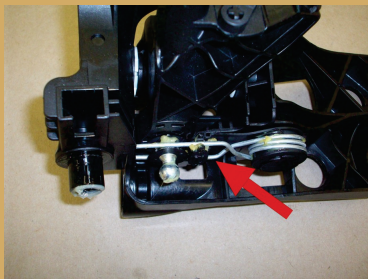
**15** Insert small flat screwdriver through the hole in the side shift arm. Pry gently on the latch and pull the side shifter arm out.



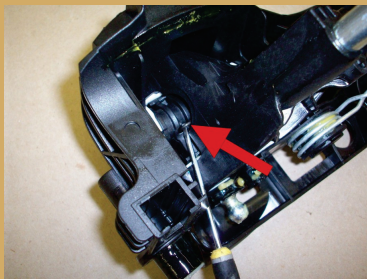
**16** Remove the side shifter adaptor.



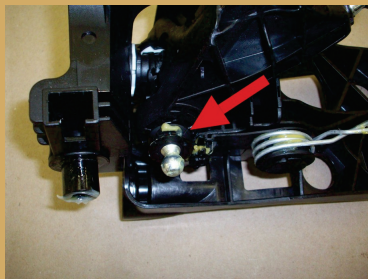
**17** Remove the centering spring.



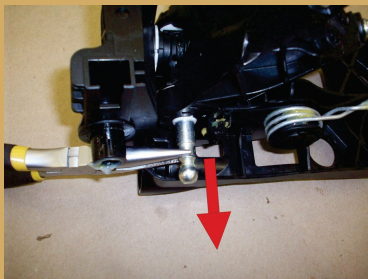
**18** Move the shifter arm forward and remove the spring clip.



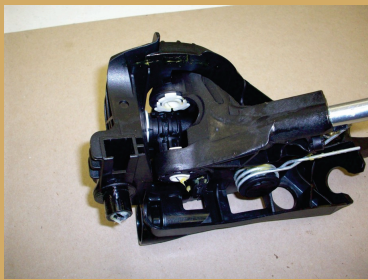
**19** Remove the rubber grommet.



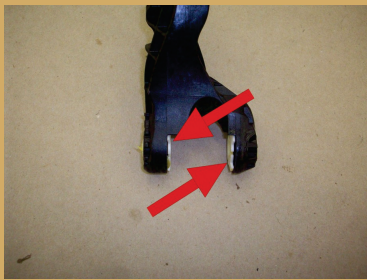
**20** Pull the shifter pin out with the needle nose pliers.



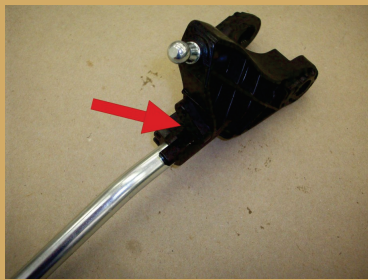
**21** Remove the factory shifter arm.



**22** Remove the shifter lever bushings.



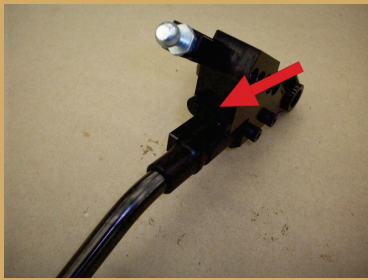
**23** Remove the shifter lever bumper.



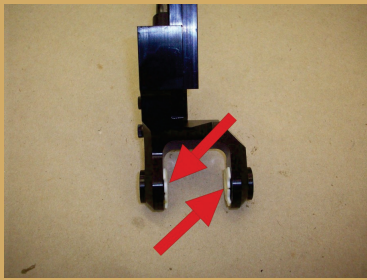
**24** Factory component that will be used with the Boomba Racing short throw shifter.



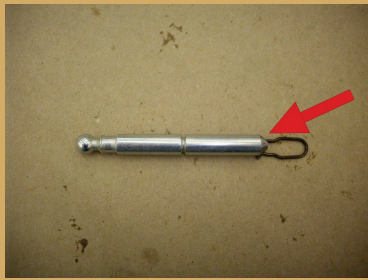
**25** Install the shifter lever bumper.



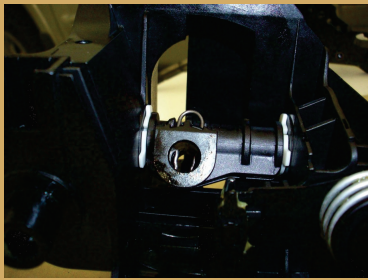
**26** Install the shifter lever bushings.



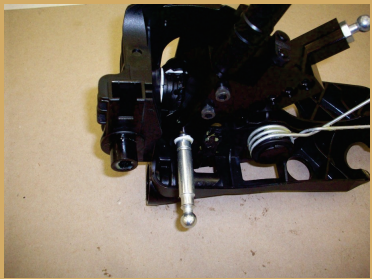
**27** Chamfer tip of the shift pin. Tip of the pin should be approximately the same size as the opening of the lock pin.



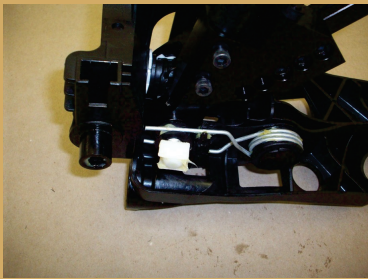
**28** Insert the locking pin into the shifter pivot block.



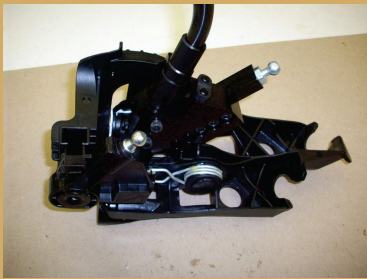
**29** Insert the Boomba Racing shifter arm into the shifter housing. Gently tap the shift pivot pin into position.



**30** Reinstall the centering spring and the side shifter adaptor.



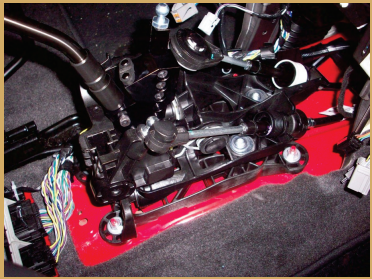
**31** Reinstall the side shift arm.



**32** Install the shifter and secure it to the base.



**33** Install the shifter cables. Reconnect the shifter links.



**34** Install the center console.



**35** Cut off the front corner of the reverse lock around 3 mm (1/8") from the edge.



**36** Install the shifter cover. Reconnect the power and the USB connectors. Install the side panels. Reinstall and connect trim panel.

