

BRONCO RAPTOR 3.0

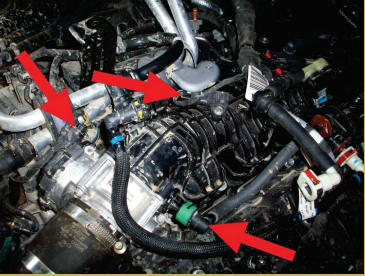

INTAKE AND TB SPACER

TOOLS REQUIRED

M7 socket wrench
M8 socket wrench
M10 socket wrench
T30 Torx toolbit
5 MM allen wrench
6 MM allen wrench
E5 tool bit
Dremel

TOOLS REQUIRED

MATERIALS REQUIRED

<p>1</p> <p>Disconnect the air hoses. Remove the air pipe.</p>	<p>2</p> <p>Disconnect the sensor electrical connector. Disconnect the air line. Remove screws holding the charge pipe.</p>	<p>3</p> <p>Remove the screws securing the coolant lines.</p>	<p>4</p> <p>Disconnect the sensor electrical connector. Disconnect the throttle body connector. Disconnect the air line.</p>
			
<p>5</p> <p>Disconnect the vent line. Disconnect the electrical connectors. Remove the electrical sockets from the intake manifold.</p>	<p>6</p> <p>Loosen up the hose clamps.</p>	<p>7</p> <p>Disconnect the charge pipe from the throttle body.</p>	<p>8</p> <p>Remove the screws holding the intake manifold. Remove the manifold.</p>
			
<p>9</p> <p>If installing the throttle body spacer. Remove the throttle body.</p>	<p>10</p> <p>Punch out the OEM screws from the intake manifold.</p>	<p>11</p> <p>Prepare the Boomba Racing intake manifold for installation.</p>	<p>12</p> <p>If installing the throttle body spacer. Prepare the Boomba Racing throttle body spacers for installation. Secure the throttle body and the spacer to the intake manifold with provided screws.</p>
			

13	Press the supplied bushings into the mounting holes of the intake manifold.	14	If installing the throttle body spacer. Shorten the rubber hose connected to the throttle body 0.75" (20 mm).	15	Install the rubber hose on the charge pipe.	16	Install the intake manifold spacer, line up the dowel pins with the alignment holes.
							
17	Reinstall the intake manifold.	18	Reinstall the charge pipe.	19	Secure the charge pipe to the lower mounting bracket with the zip tie.	20	Reconnect the electrical connectors and the vacuum lines.
							