

# EVO X - THROTTLE BODY INSTALLATION MANUAL

## TOOLS REQUIRED

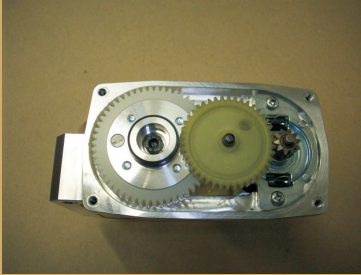
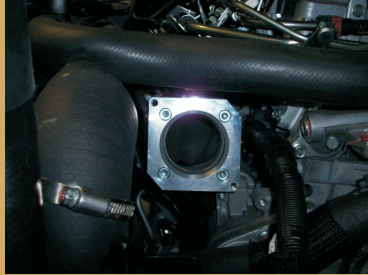
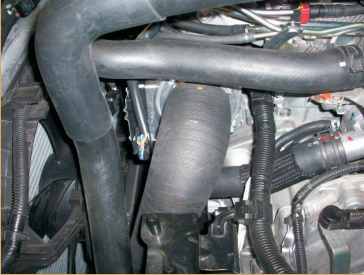
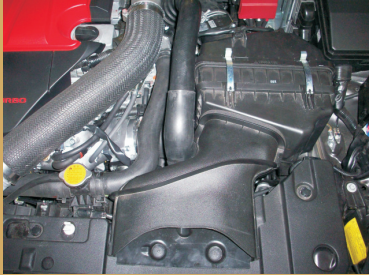
M10 socket wrench  
M12 socket wrench  
Flat screw driver  
Phillips screw driver


Pliers  
6 mm Allen wrench  
T20 safety TOX

## MATERIALS REQUIRED

None

<p><b>1</b></p>	<p><b>2</b></p>	<p><b>3</b></p>	<p><b>4</b></p>
<p>Disconnect the battery terminals.</p> 	<p>Remove the air filter assembly.</p> 	<p>Remove the air filter housing.</p> 	<p>Disconnect the throttle body wire harness.</p> 
<p><b>5</b></p>	<p><b>6</b></p>	<p><b>7</b></p>	<p><b>8</b></p>
<p>Remove the air supply hose.</p> 	<p>Disconnect the coolant lines and remove the throttle body.</p> 	<p>Loop the coolant line back to the engine block.</p> 	<p>Remove the throttle body cover.</p> 
<p><b>9</b></p>	<p><b>10</b></p>	<p><b>11</b></p>	<p><b>12</b></p>
<p>Remove the spur gear.</p> 	<p>Remove the servo motor and the wave spring.</p> 	<p>Parts that will be reused with the Boomba Racing Throttle Body.</p> 	<p>Place the wave spring inside of the throttle body housing.</p> 

<p><b>13</b></p>	<p>Reinstall the servo motor and the spur gear. Install the throttle body cover.</p>	<p><b>14</b></p>	<p>Bolt the throttle body adaptor to the intake manifold. Place the factory gasket between the adaptor and the manifold.</p>	
			<p><b>15</b></p>	<p>Reinstall the air filter.</p> 

<p><b>16</b></p>	<p>Reconnect the battery terminals.</p>	<p><b>17</b></p>	<p><b>18</b></p>
	<p>Turn the ignition key to "ON" position. DO NOT START THE ENGINE. Wait for a minimum 20 seconds and turn the ignition key to "OFF" position. Wait for a minimum 20 seconds.</p>	<p><b>19</b></p>	<p>Repeat this process 3 (three) more times to allow the ECU memorize new TPS settings.</p>