



## DODGE CHARGER NAG 1 DRIVELINE VIBRATION/SHUDDER COMING TO A STOP

**COMPLAINT:** Before or after overhaul, 2006 and up Dodge Charger, Police applications, equipped with the Nag 1 transmission and the Hemi engine, may have a complaint of a driveline vibration or a shuddering feeling coming to a stop. The driver of the vehicle notices that when they depress the “Autostick” enable switch and cancel Fifth gear or drive it in Autostick mode, the complaint goes away. *This complaint is not commonly a transmission problem!*

**CAUSE:** The cause may be, that the engine mounts are faulty causing the Partial Electronic Modulated Converter Clutch application to be transferred thru the bad engine mounts creating a vibration when coming to a stop. The reason that the vibration goes away when using the Autostick function is because in this mode, EMCC strategy is delayed and partial EMCC is not provided when coming to a stop, as it is in the Drive position. See Figure 1.

**CORRECTION:** Replace the engine mounts as shown in Figure 2. Refer to Service Information for part number and be sure to verify that the part number listed fits the vehicle you are working on.  
*Note: ATSG has had reports of these vehicles destroying mounts every 30k miles!*

### SERVICE INFORMATION:

CUSHION LEFT AND RIGHT (Dodge).....4578046AE

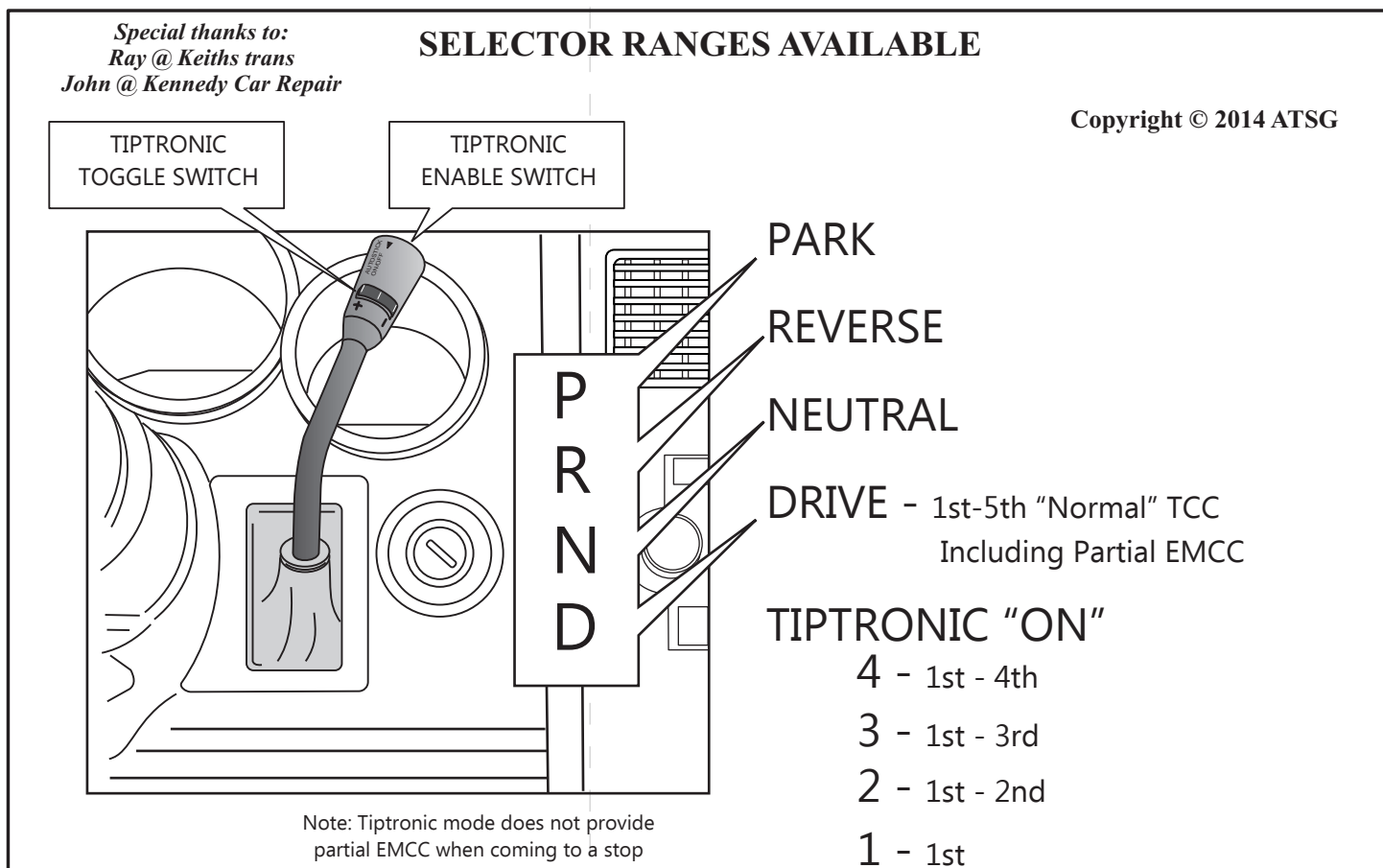


Figure 1

## ENGINE MOUNT/CUSHION

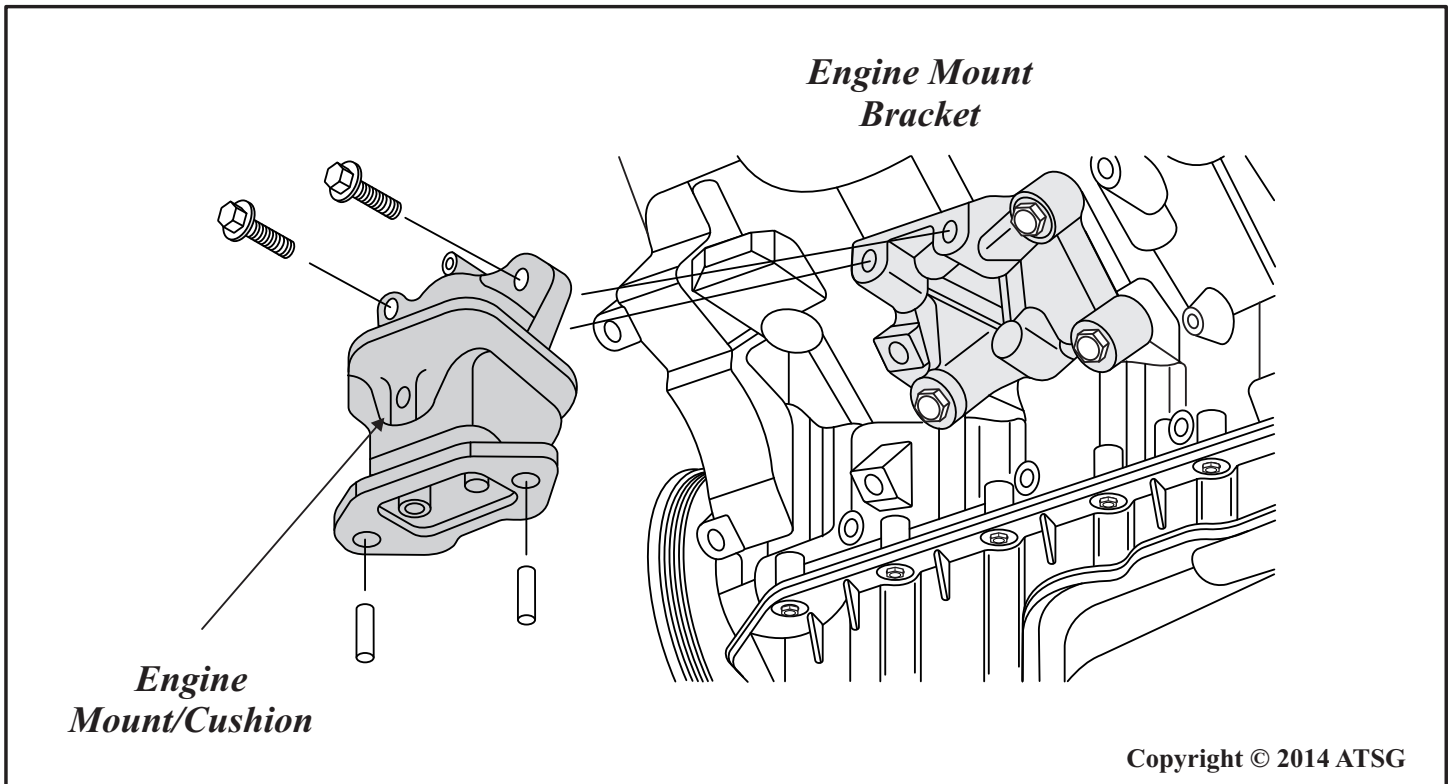


Figure 2