

TOYOTA U660E

SHUDDER IN REVERSE BIND UP IN FIRST

COMPLAINT: After a rebuild or an exchanged valve body, a Toyota U660E transmission may exhibit a shudder in reverse and a partial bind up moving forward in first gear.

CAUSE: A mis placement of a valve body bolt causes the tip of the bolt to extend further than originally designed. When the valve body is bolted to the case, the tip of the bolt presses into the B3 clutch housing causing it to crack. When reverse is selected, the B3 clutch can not fully apply correctly causing a shudder in reverse. When D is selected, the B3 clutch does not fully release causing a slight bind up moving forward in first gear.

CORRECTION: Correct the placements of the valve body bolts and replace the B3 clutch housing.

Thanks goes to Juan Carlos Molina from Argentina

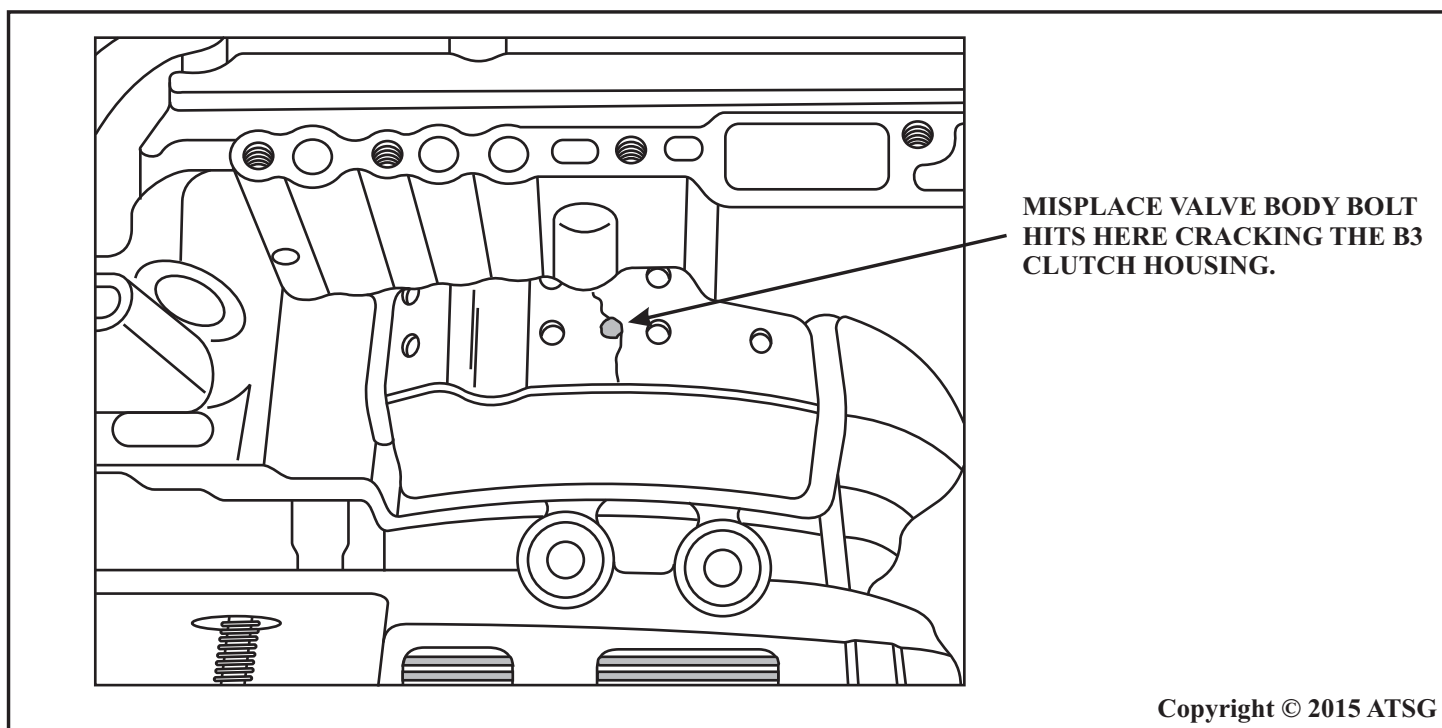


Figure 1

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VALVE BODY BOLT IDENTIFICATION AND LOCATION

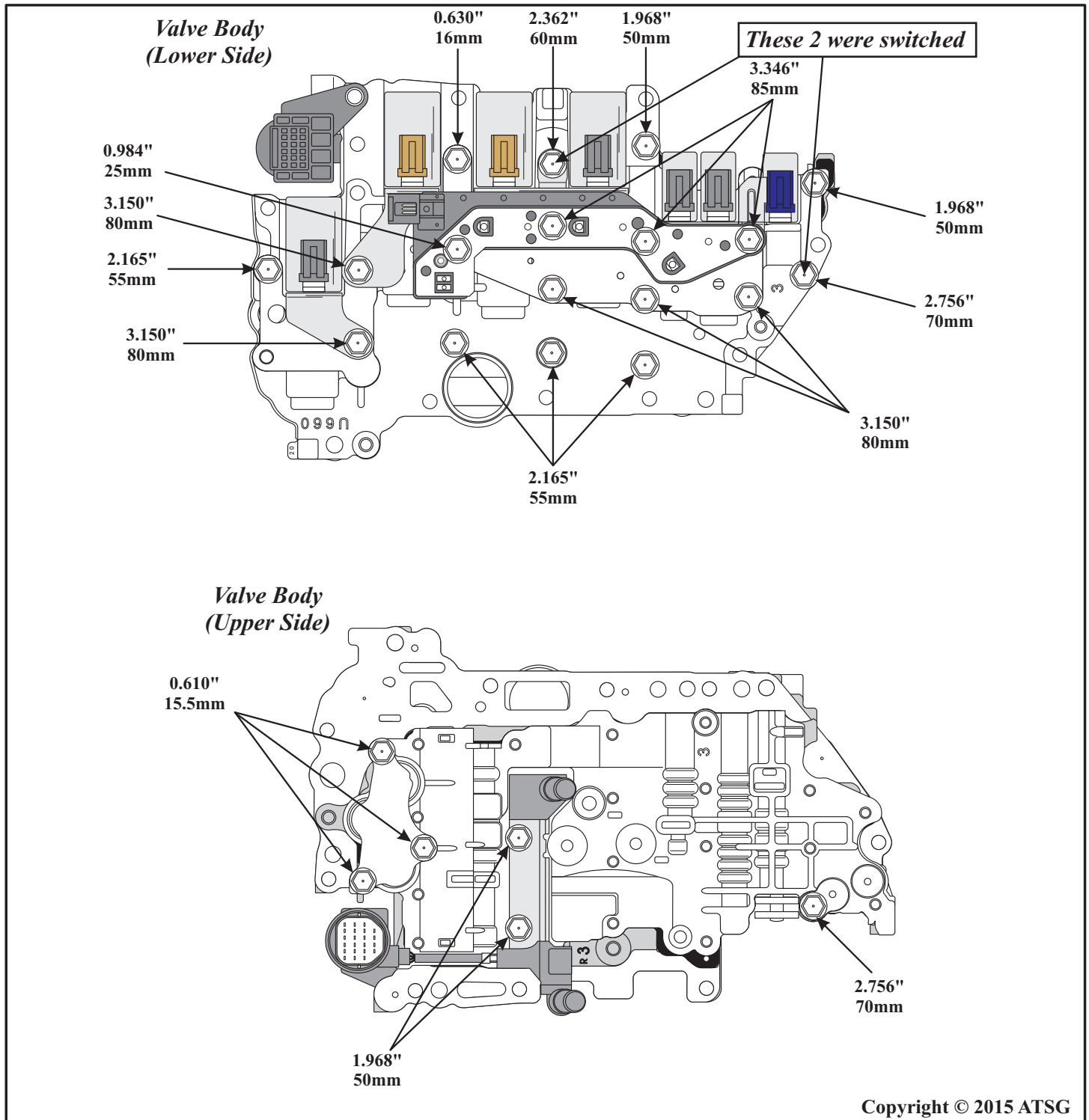


Figure 2