



Technical Service Information

SUBARU JUSTY LOW RATIO ONLY; NO RATIO CHANGE

COMPLAINT: Transmission remains in low, will not change ratio.

CAUSE: Failure to rotate the "PITOT TUBE" out of the primary pulley before the side case and the transmission case are split will cause the "PITOT TUBE" to break or bend, causing a loss of pitot pressure which is necessary for a ratio change. (See figure 4)

CORRECTION: After the pump is removed, reach into the pump cavity and rotate the pitot shaft until the pin in the end of the shaft points to the 12 o'clock position. Then the case halves can safely be split. (See figure 1)

When reassembling the case halves, be certain the pitot shaft pin is at the 12 o'clock position. Once the case halves are fastened together, rotate the pitot shaft so the pitot shaft pin is at the 9 o'clock position. (See figure 2)

When the pitot shaft is in it's correct assembled position, (9 o'clock) the pin in the end of the pitot shaft will fit into it's cavity in the pump assembly. (See figure 3)

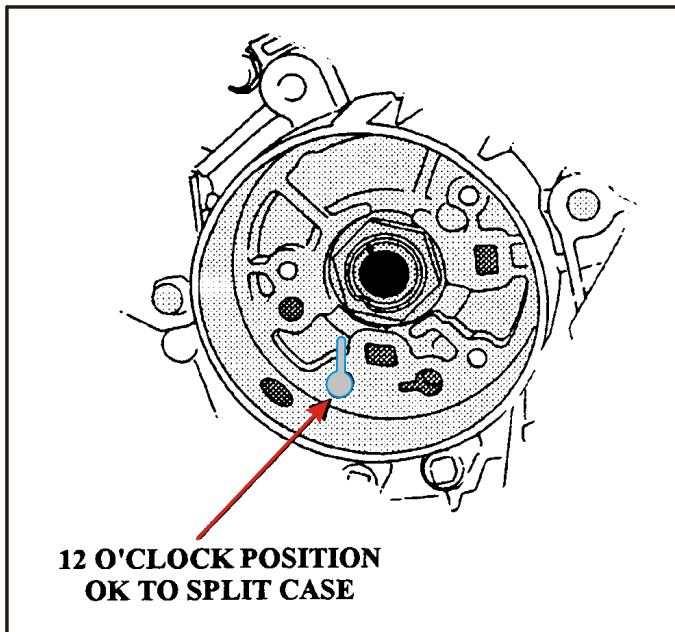


Figure 1

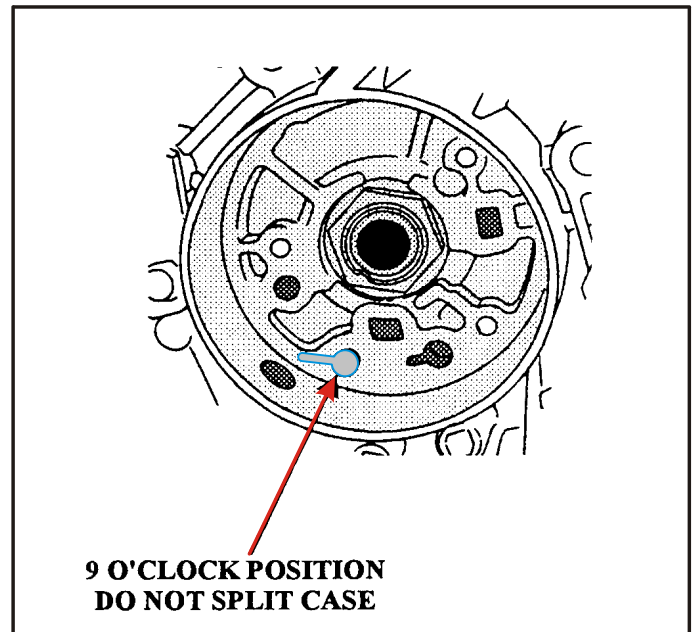


Figure 2

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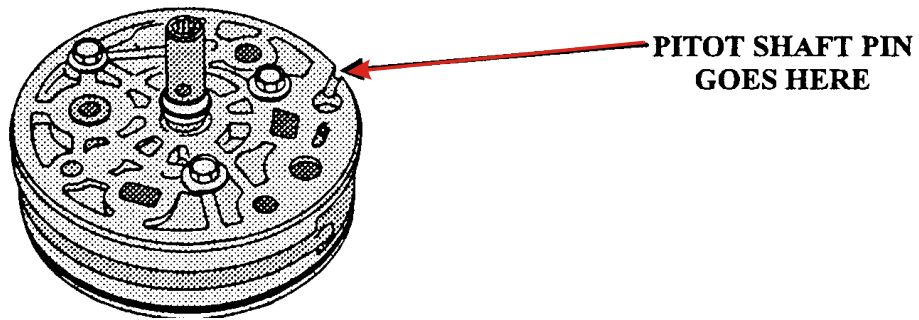


Figure 3

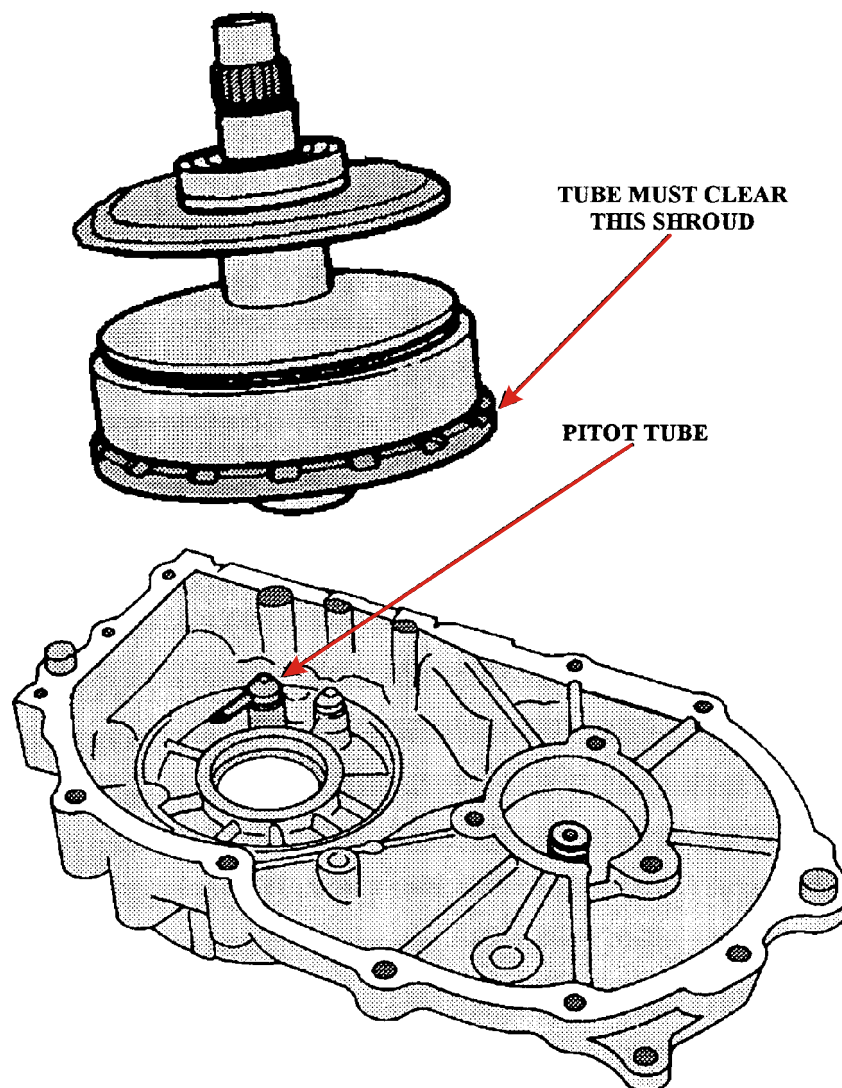


Figure 4