

**CLUTCHTECH****TSB - HD02****Clutch Non-Release & Hard Clutch Pedal Action Problems**

Applies to ClutchPro kit:
 KHD23001
 (HYUNDAI SONATA 2.0 16-VALVE 1994-96)

When fitting a KHD23001 matched clutch kit to Hyundai Sonata 2.0 16-valve vehicles manufactured from 1994 to 1996 the clutch release lever and release lever pivot bolt in the bellhousing must be carefully inspected for wear in order to prevent clutch non-release and hard clutch pedal action problems.

Investigation of non-release and hard clutch pedal action problems in these vehicles has shown that most of these problems are caused by excessive wear of the pivot recess in the clutch release lever and the head of the release lever pivot bolt.

Excessive wear on these parts results in insufficient clearance between the rear of the clutch release and the front surface of the bellhousing which causes the outer end of the release lever to foul against the bellhousing when the clutch pedal is depressed, resulting in clutch non-release and hard clutch pedal action problems.

The wear problems are generally not noticeable with a worn clutch assembly in the vehicle as a new clutch assembly always has a lower cover assembly diaphragm finger position than the worn clutch assembly due to the fact that the new driven plate facings are always thicker than the worn driven plate facings.

The lower diaphragm finger position of the new clutch assembly causes the outer end of the clutch release lever to move closer to the bellhousing surface, which will allow the release lever to foul on the bellhousing if the clutch release lever pivot recess and the head of the release lever pivot bolt are excessively worn.

If the release lever and pivot bolt are found to be excessively worn it may be possible to restore the release lever to its correct height by fitting spacer washers behind the pivot bolt, although it is always recommended that a new release lever and pivot bolt should rather be fitted in such cases.

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