

## Jackaroo 4JX1 Flywheel Setup Procedure

Ref: TN006

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### CAUTION

The position of the flywheel should be noted prior to removal from the 4JX1 engine to ensure that new solid steel replacement flywheel and crankshaft are in the identical position. Reinstalling the solid flywheel in the correct position in relation to the crankshaft position sensor allows the sensor to read off the toothed wheel. It is critical to reinstall the flywheel and toothed wheel in the correct position; otherwise the engine will not start.

**NB: When replacing a dual mass flywheel (DMF) with a DMF, the sensor ring must be reused. The EXEDY single mass flywheel incorporates the sensor ring.**

If the installer has failed to take note of the flywheel positions, the following procedures can be used where assembly is required without appropriate reference marks.

1. To obtain T.D.C, align crankshaft pulley notch with mark on timing case. Refer to Fig 1



2. a. Timing mark is pointing towards 6 o'clock. Refer to fig 2.



- b. Ensure crankshaft sensor toothed wheel is located in correct position, gap in teeth positioned is approximately 5 degrees past vertical. Refer to fig 3.

