PERFORMANCE CLUTCHES

Fitting Sheet 2 -
Bell Housing Modification for Slave Cylinder

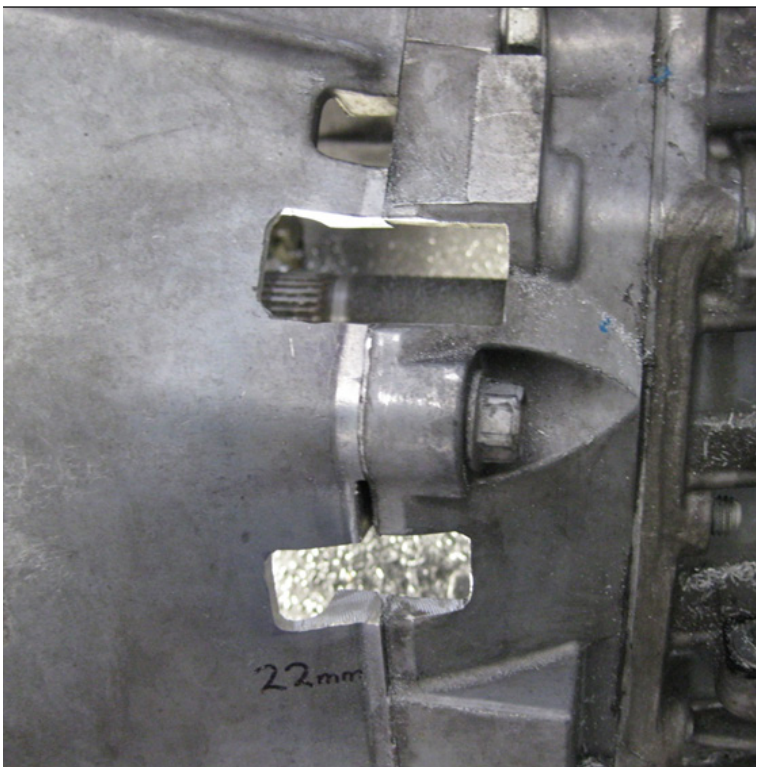
Important Tips for Cleaning a Clutch

- Thoroughly clean block face (and sandwich plate if fitted)
- NPC install the ring gear using a heat shrink method. Care is taken to ensure the ring gear is fitted to the flywheel correctly, but before fitting, please confirm that the ring gear is seated correctly.
- Fit the flywheel and torque to specifications using new bolts and Loctite **sparingly** on the threads.
- Fit new spigot bearing
- Clean flywheel, pressure plate face and inside diametre of pressure plate casting with thinners.
- **DO NOT** over grease the clutch spline. Any excess grease is to be removed.
- **DO NOT** touch the surfaces of the clutch plate with dirty hands.
- Fit clutch using correct aligning tool (if available) and torque to specifications using correct bolts and Loctite **sparingly** on the threads. For M8 bolt – 39nm torque setting, If M10 bolt – 77nm torque setting.
- With the fitment of any clutch it is essential to set-up the CSC (Hydraulic Bearing).
- Recommended Clutch fluid – Bendix Dot 4

Note: The correct crush should be a minimum of 12mm to maximum of 17mm. Spacers are supplied with kits when required. The ideal range is 13mm to 15mm

The simplest way to check the setup

- Using a straight edge and ruler get the height from the block face to the fingers on the pressure plate.
- With the bell housing on the transmission and the CSC fitted, put a straight edge across the bell housing and measure down to the face of the CSC.
- The measurement should be 12 to 17mm less than the first measurement.
- If the measurements are not adding up correctly, please do not hesitate to contact NPC
- If spacers are required to get the right height, these can be supplied.
- Now you are ready to fit your transmission.
- Make sure that the transmission is properly supported when fitting.
- When bleeding the clutch, evacuate dirty or contaminated clutch fluid, and use new fluid. Please make sure this is completed before the new cylinder is installed.
- Finally the clutch must be run in by driving normally for at least 1000km's.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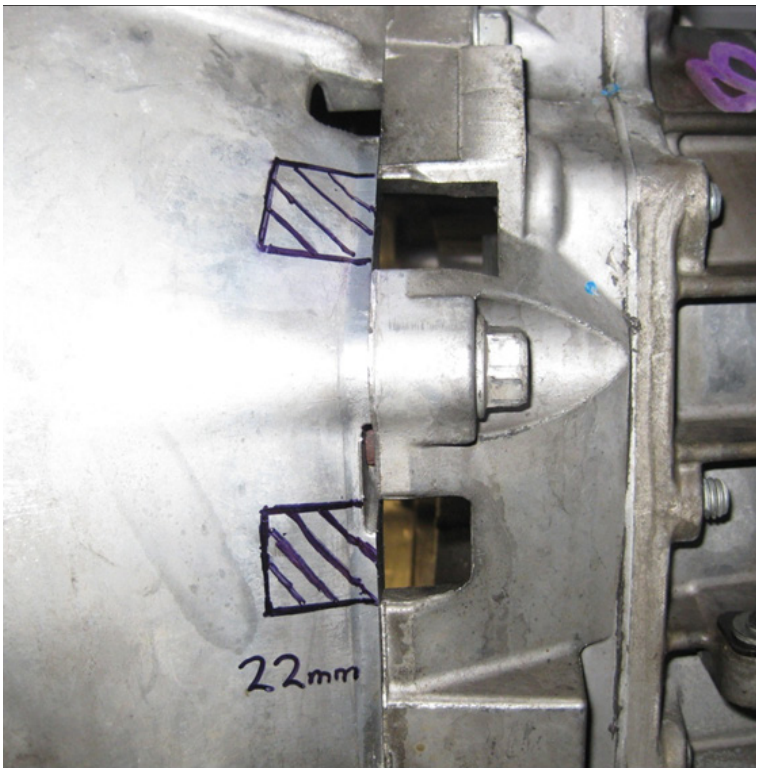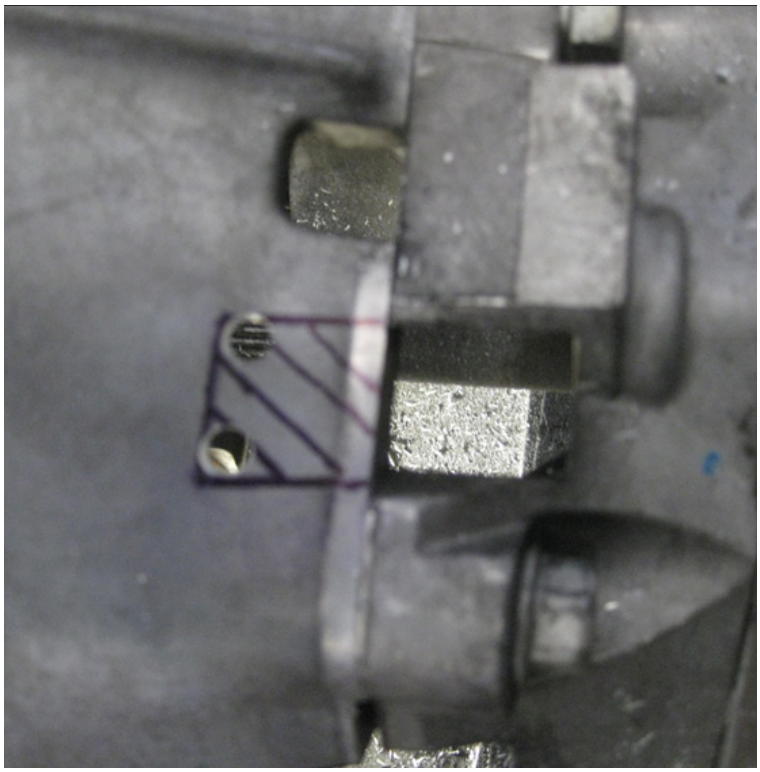
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