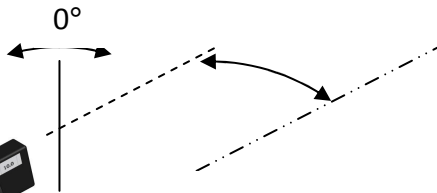


## LASER ALIGNMENT FITTING PROCEDURE

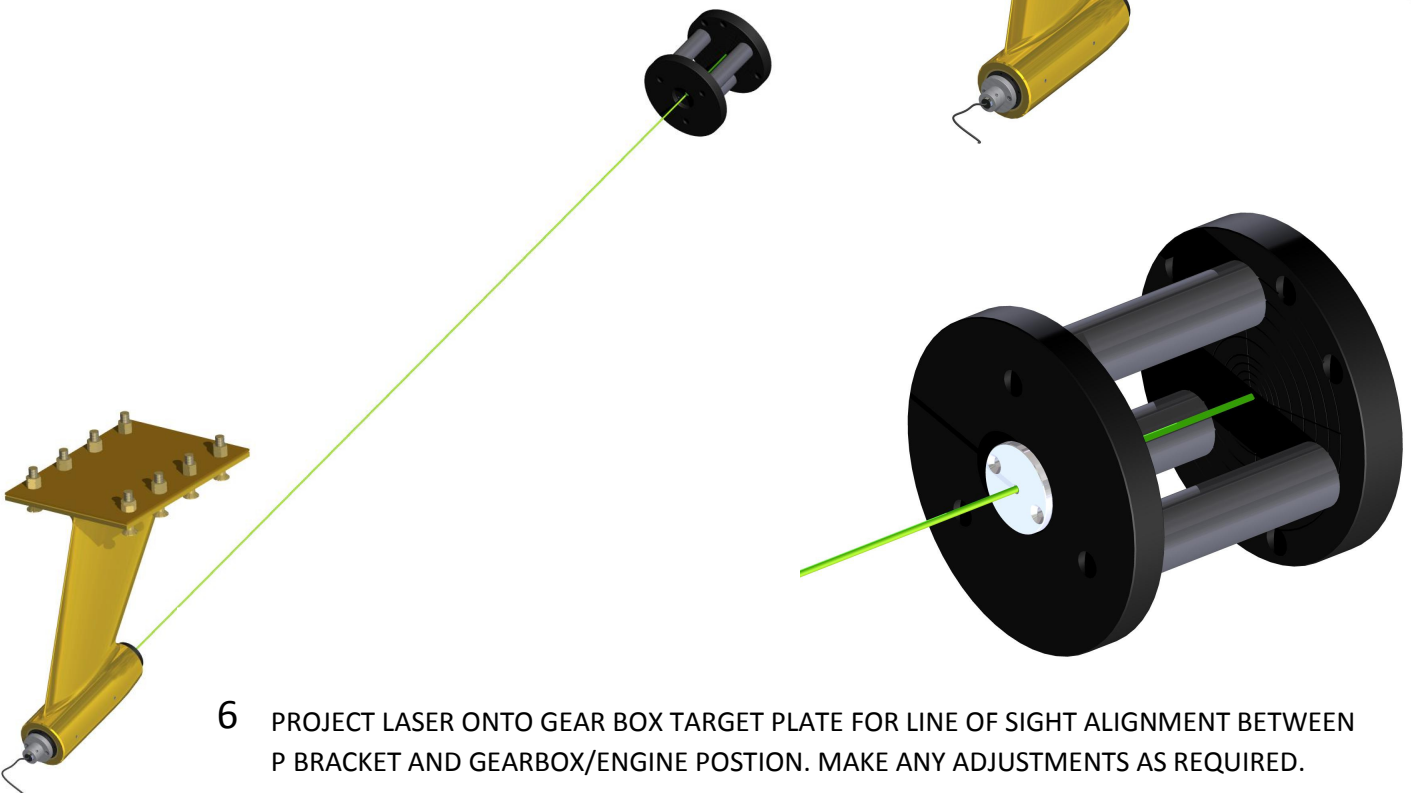
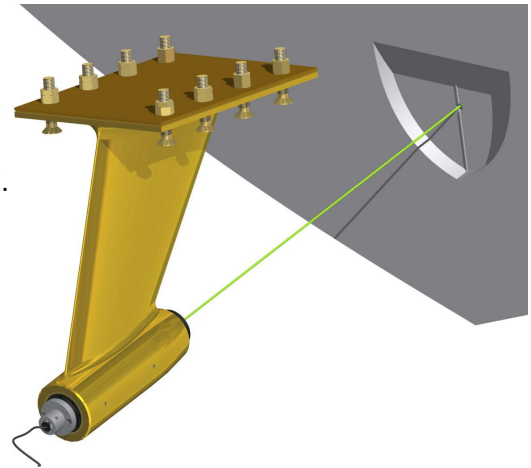
FIRST CHECK LASER CALIBRATION. USING A V BLOCK ROTATE LASER HOUSING THROUGH 360 DEGREES OVER 5 METRES ENSURING A FULL CIRCLE OF LASER LOCATES TO THE CENTRE POINT OF TARGET. LASER DIAMETER APPROXIMATELY 4MM.

- 1 FIT P BRACKET BUNG. FIT LASER HOUSING INTO P BRACKET BUNG

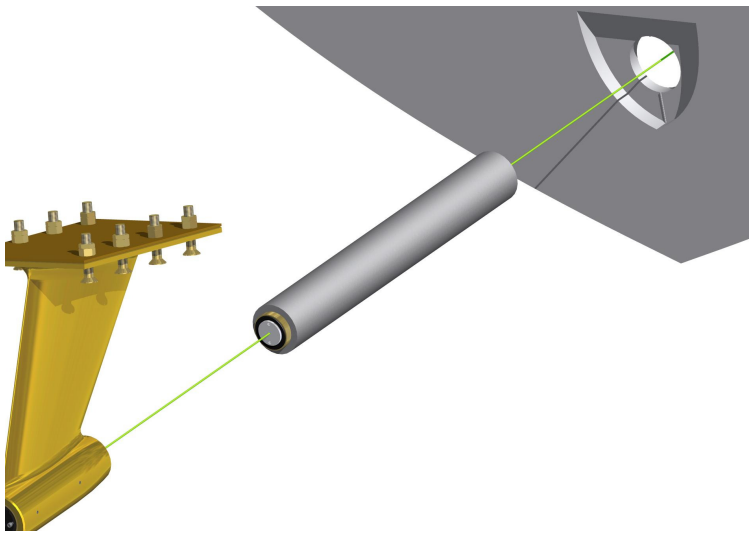


- 2 ATTACH INCLINOMETER TO THE MAGNETIC FWD PLATE OF P BRACKET BUNG. ENSURE INCLINOMETER DISPLAY FACE IS POSITIONED IN A VERTICAL PLANE, AS THIS CAN AFFECT THE SHAFT ANGLE MEASUREMENT. SEE INCLINOMETER SET UP INSTRUCTIONS

- 3 SCRIBE A PROPOSED CENTER LINE ON TO THE HULL WHERE THE STERN TUBE APERTURE SHOULD IDEALLY BE LOCATED.
- 4 PROJECT LASER THROUGH P BRACKET AND ALIGN WITH STERN TUBE CENTER LINE.
- 5 MARK HOLE AND DRILL WITH A PILOT HOLE TO SUIT HOLE SAW TOOLING.



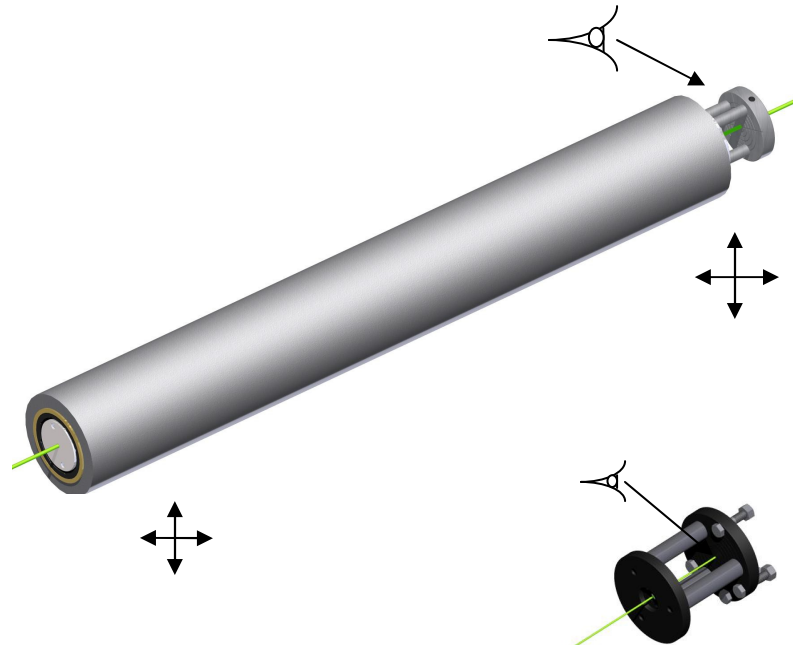
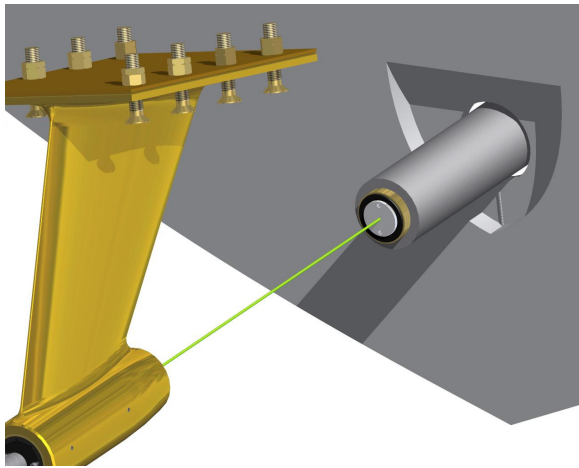
- 6 PROJECT LASER ONTO GEAR BOX TARGET PLATE FOR LINE OF SIGHT ALIGNMENT BETWEEN P BRACKET AND GEARBOX/ENGINE POSITION. MAKE ANY ADJUSTMENTS AS REQUIRED.



7

PROJECT TEMPLATE OF STERN TUBE BODY DIAMETER ON TO HULL USING LASER AS CENTRE POINT. CUT HOLE TO SUIT.

8 ALIGN STERN TUBE ENSURING THE LASER PASSES THROUGH TARGET PLATE AND REACHES GEAR BOX TARGET PLATE.



9

ONCE ALIGNMENT IS ESTABLISHED SECURE AND FIT STERN TUBE. ENSURE WHEN FITTING STERN TUBE THAT THE LASER ALIGNMENT IS NOT DISTORTED.

THIS FITTING PROCEDURE HAS BEEN DEVELOPED AS A SUGGESTED THEORETICAL BEST PRACTICE. BOAT SET UP AND FITTING PROCEDURES WILL VARY. HANDLE THE LASER WITH CARE.

**NEVER ALLOW LASER BEAM TO SHINE DIRECTLY IN TO THE NAKED EYE**

