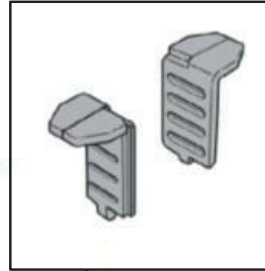


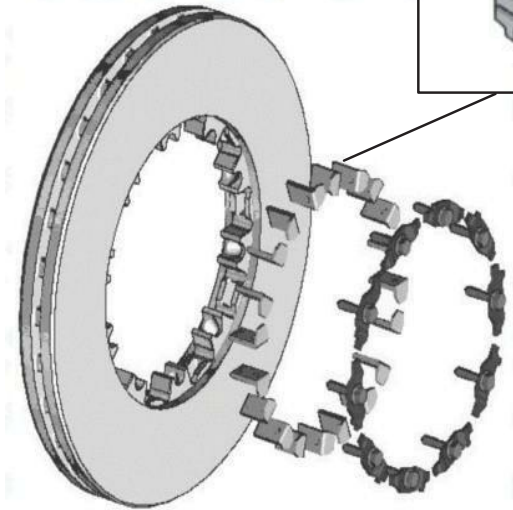
DA1063 AS PER OEM DESIGN

K012741, 802083, M44D76692

- 1 Rotor
- 20 Intermediate spacers
- 10 Location Bolts with clamping plate



To fit the OEM Rotor it is placed over the hub and the intermediate spacers are placed either side of the hub location splines until all 20 are fitted and the disc is secure. Then the 10 location bolts are fixed into place.



DA1059 CONTENTS VISUAL APPEARANCE

- 1 Rotor
- 20 Intermediate spacers (already mounted to the rotor)
- 10 Specially designed location bolts + fitting instructions

TOP BOLTING VIEW



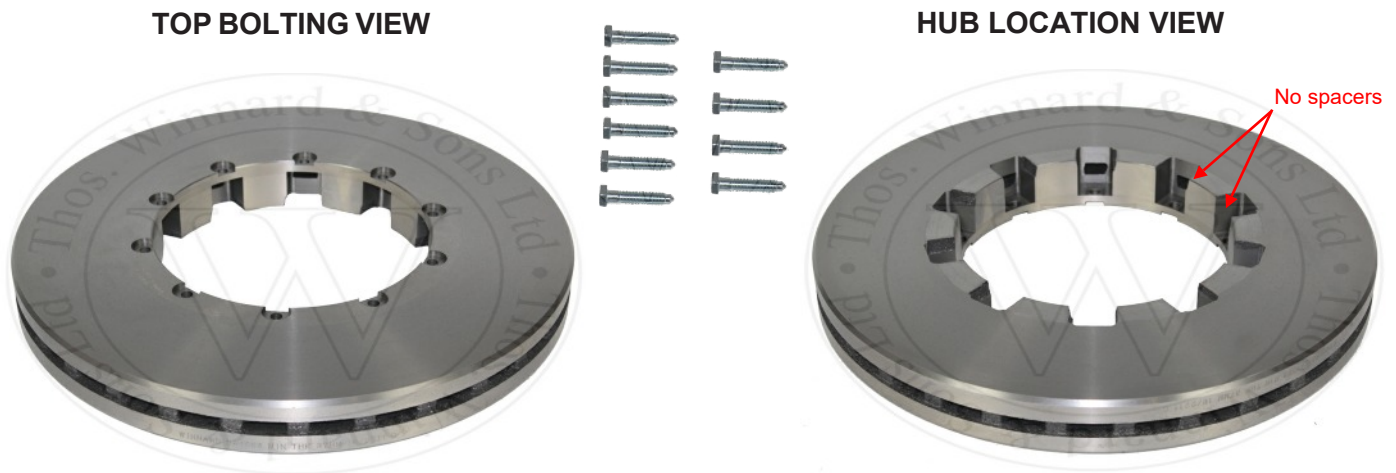
HUB LOCATION VIEW



To fit the Winnard rotor simply present the rotor over the cleaned hub location splines and press into place. Fit the hub location bolts and torque up to 24Nm +/-2.

DA1058 CONTENTS VISUAL APPEARANCE

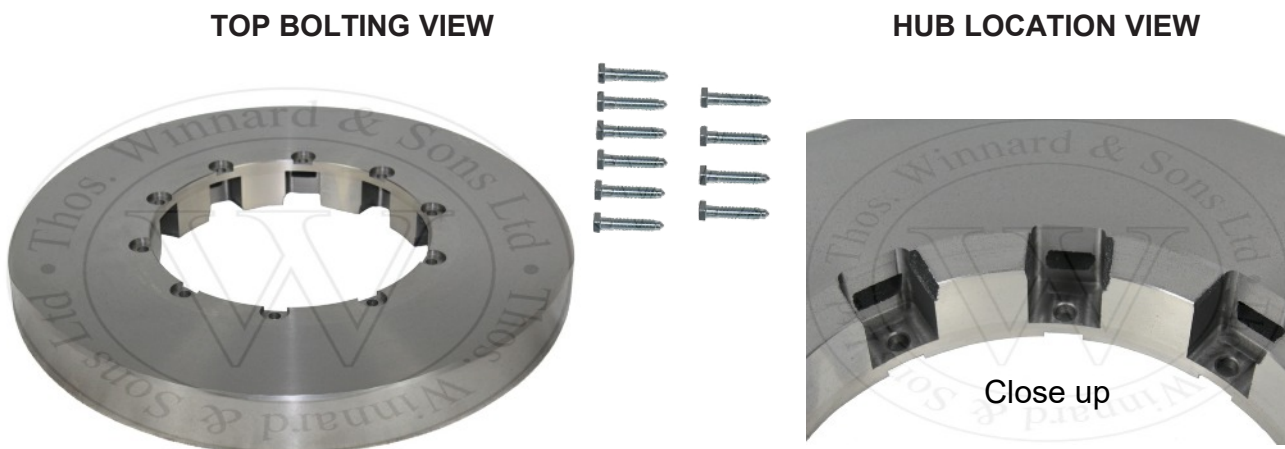
- 1 Rotor
- 10 Specially designed location bolts + fitting instructions



To fit the Winnard rotor simply present the rotor over the cleaned hub location splines and press into place. Fit the hub location bolts and torque up to 24Nm +/-2.

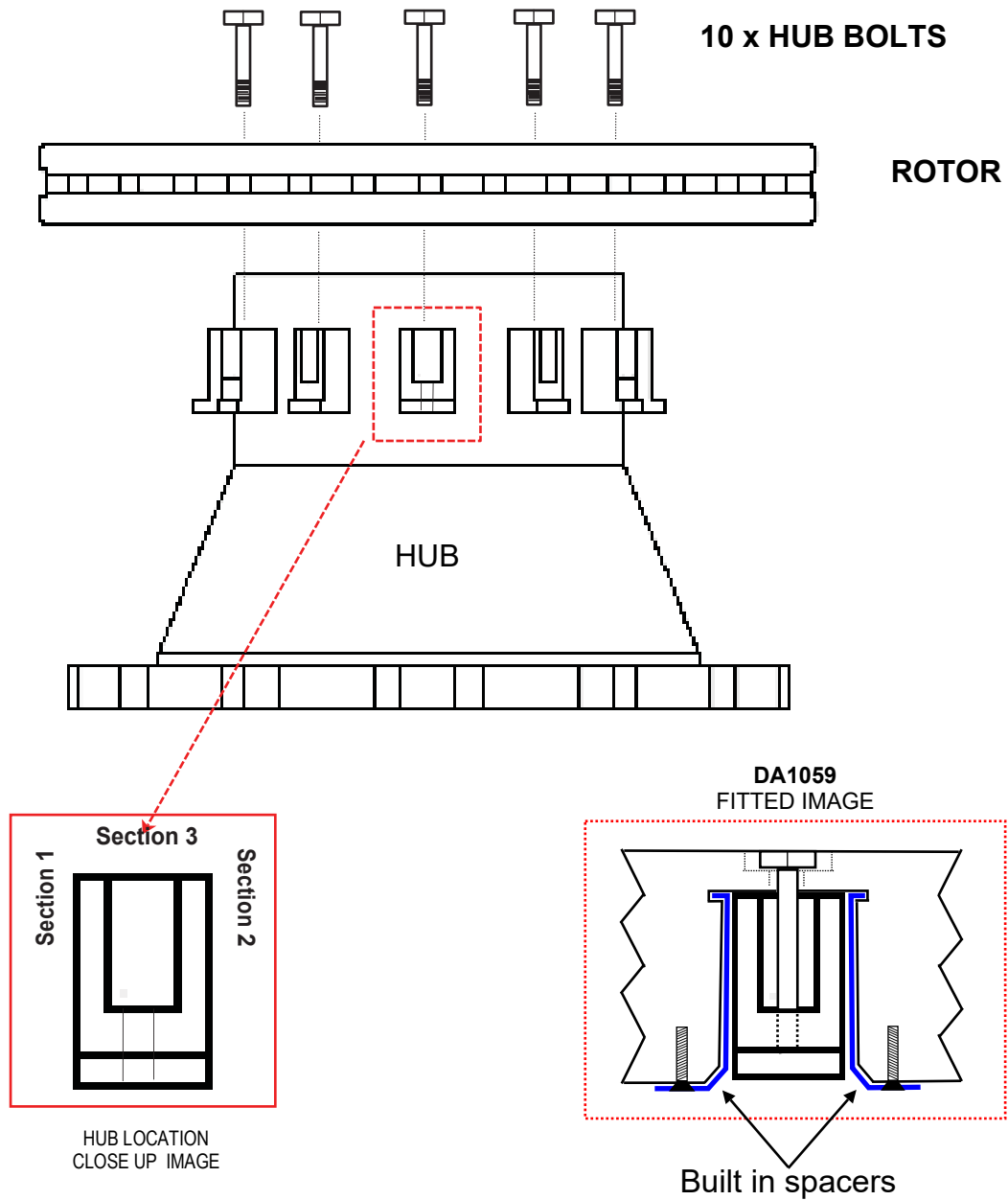
DA1058S CONTENTS VISUAL APPEARANCE

- 1 SOLID Rotor
- 10 Specially designed location bolts + fitting instructions



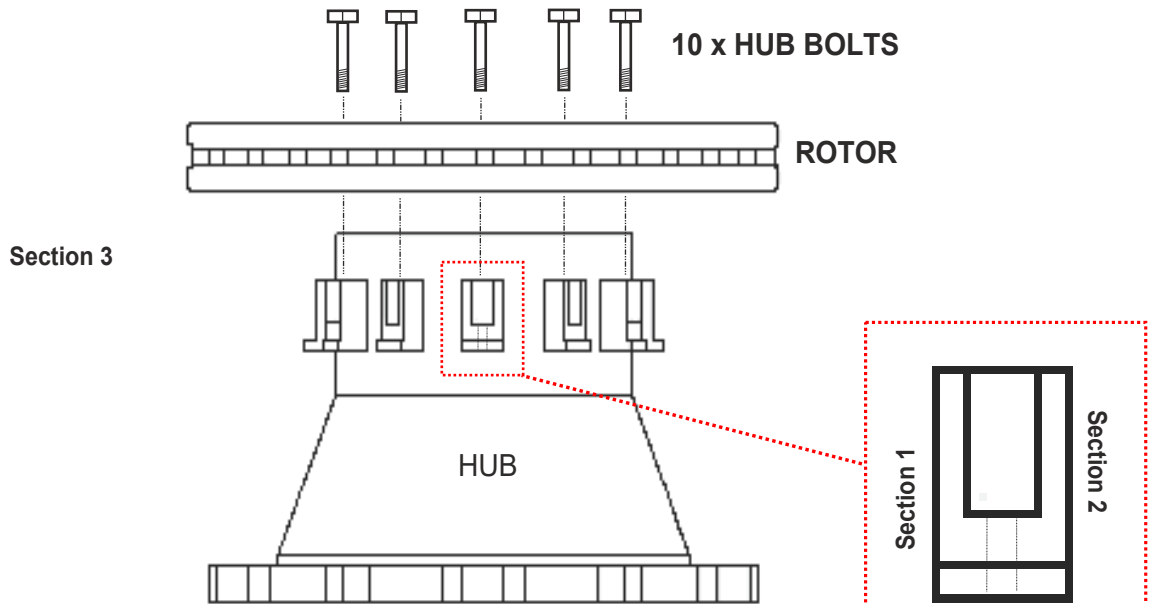
To fit the Winnard rotor simply present the rotor over the cleaned hub location splines and press into place. Fit the hub location bolts and torque up to 24Nm +/-2.

DA1059 FITTING OVERVIEW



DA1058 & DA1058S fit in the same way but do not have the built in spacers

INSTALLATION INSTRUCTIONS



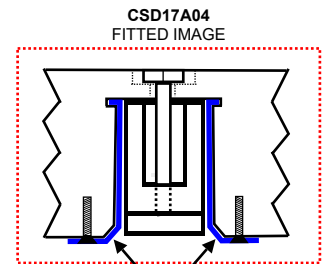
1. Make sure all the rotor location faces on the hub, Sections 1, 2 and 3 illustrated above, are free of rust with no signs of wear. The width of the spline location, section 3 on the image, should be measured, the new width is 1.1811" (30mm) the maximum allowable wear is 0.015" (0.381mm).

If any of these splines measure less than 1.1661" (29.619mm) then the hub will need replacing.

2. Coat the location splines and rotor location faces with copper grease.
3. Place the the rotor over the hub and aligning the location spaces over the hub splines*.
4. Using appropriate equipment press the rotor into place until the rotor's location face is flush with the top of the hub*. The hub retaining bolts should **only** be used to complete the assembly and to pull the rotor tightly to the hub, **do not** use these bolts to draw the rotor into place.
5. Using the tighten sequence illustrated hand tighten the retaining bolts then torque to 24Nm +/-2 and re-fit the hub. It is also advisable to use Loctite #242 on the fastening bolts.

Once the rotor has been fitted and secured there should be no rotational movement on the hub, if any movement is identified then the hub will need replacing.

* We recommend that the rotor is pressed into place using a hydraulic press with suitable tooling to spread the load around the diameter of the rotor. Please note: If the rotor is being fitted on the drive axle then it will be necessary to remove the ABS tone ring prior to fitting the new rotor. When reinstalling the ABS tone ring the torque settings are 19-22 lbs/in (2.1-2.5 N-m).



Built in spacers

Built in spacers

TIGHTENING SEQUENCE

