



SYNRAD Product Change Notice

PCN #: 002-2014
ECO #: 4864
Date: 11 February 2014
Product P/N: FSV30SAG, FSV30SFG
FSV30SAG-9.3, FSV30SFG-9.3
FSV30SAG-10.2, FSV30SFG-10.2

Description of Change: Modification to v30 baseplate design

The baseplate for Firestar OEM v30SAG/SFG lasers has been redesigned to eliminate the machined grooves added to retain the split heat-sinks. Because the split heat-sink design includes "v-brackets" to hold them in place, the grooves were eliminated which allows a reduction in overall baseplate thickness. There is no change to the v30's form, fit, or function; therefore, the revision level will remain as "G". This change will be phased in over the next few months as existing v30 part inventory is consumed.

As shown in Figure 1, the existing baseplate was 0.250" (6.35 mm) thick and included two machined grooves while the new baseplate design measures 0.188" (4.76 mm) thick and eliminates the heat-sink grooves. In order to maintain the established beam exit height of 2.906" (73.8 mm), both front faceplate and rear cover plate height was increased by 0.063" (1.59 mm). In addition, the three ball bearing "feet" were reduced in diameter from 0.188" (4.76 mm) to 0.125" (3.18 mm), so the maximum baseplate mounting torque of 54 in lb (6.1 N m) remains the same. 3D models in .STEP, .IGS, or .SLDPRT formats are available on request.

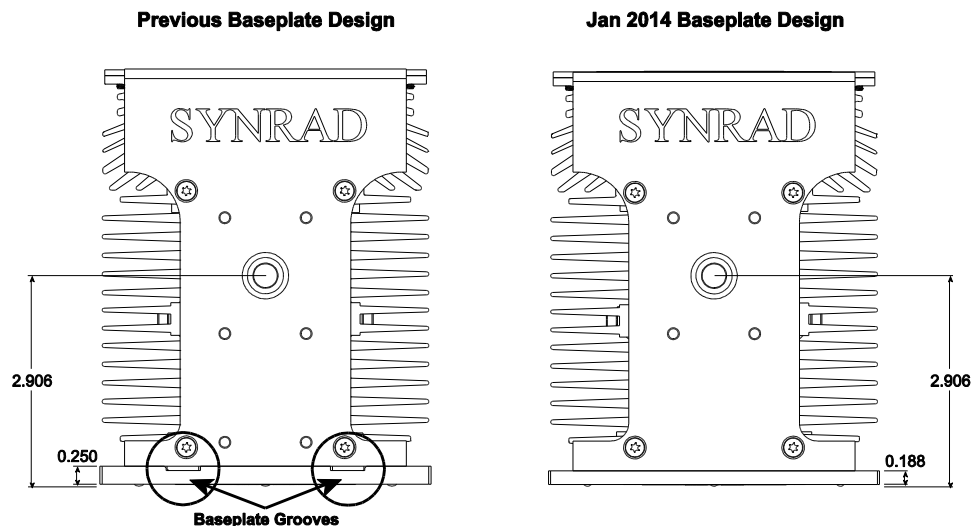


Figure 1 – Previous (left) and new (right) baseplate designs

For further information contact SYNRAD at 1.800.796.7231; outside the U.S., dial +1.425.349.3500 or email to: synrad@synrad.com.