



Doosan Infracore
Portable Power

Service Letter

SL: 30008
Date: 28 September 2012
Product: Generators
Subject: Lifting Eye Long Thread

MODEL	SERIAL NUMBER
G80	G08030001 & Above
G100	G10030001 & Above
G150	G15030001 & Above
G200	G20030001 & Above
G250	G25030001 & Above
G400	G40030001 & Above
G500	G50030001 & Above

Upon demand from some customers for a safety lock on lifting eye threads, Doosan Infracore Portable Power has released a new type of long threads lifting eyes. These new lifting eyes allow for a counternut to be fitted as safety lock and will be fitted as standard on the generators listed in this letter. In case customers want to retrofit this type of lifting eye on their earlier generators, please follow the procedure described below.

Parts

G80 / G100

Lifting eye kit P/N 46610180:

QTY	P/N	DESCRIPTION
1	46609299	Lifting Eye M30, Long Thread
2	96705231	Nut, Hex M30 x 3.5

G150 / G200

Lifting eye kit P/N 46551251:

QTY	P/N	DESCRIPTION
1	46585639	Lifting Eye M42, Long Thread
2	46587623	Nut, Hex M42 x 4.5

G250

Lifting eye kit P/N 46610181:

QTY	P/N	DESCRIPTION
1	46609619	Lifting Eye M36, Long Thread
2	96724349	Nut, Hex M36 x 4

G400 / G500

Lifting eye kit P/N 46610182:

QTY	P/N	DESCRIPTION
1	46609999	Lifting Eye M48, Long Thread
2	23142169	Nut, Hex M48 x 5

Torque Table

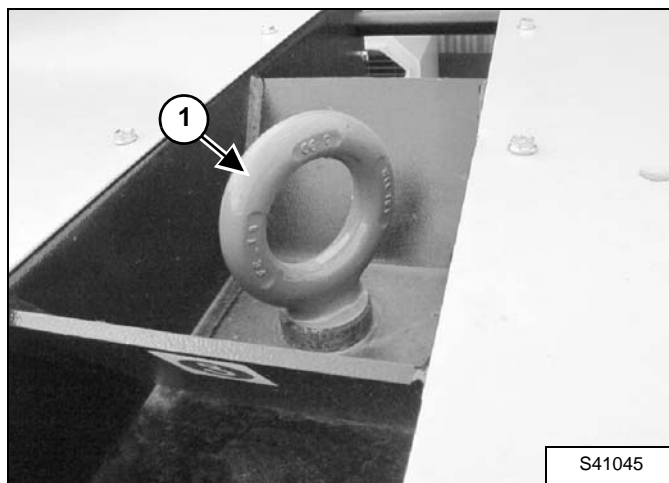
MODEL	NUT DIMENSION	POSITION	TORQUE N•M (FT-LB)
G80 G100	M30 x 3.5	First (against lifting bail)	165 (122)
		Second (against first nut)	200 (148)
G150 G200	M42 x 4.5	First (against lifting bail)	230 (170)
		Second (against first nut)	360 (266)
G250	M36 x 4	First (against lifting bail)	200 (148)
		Second (against first nut)	270 (199)
G400 G500	M48 x 5	First (against lifting bail)	270 (199)
		Second (against first nut)	360 (266)

Procedure

Remove the existing lifting eye (if installed).

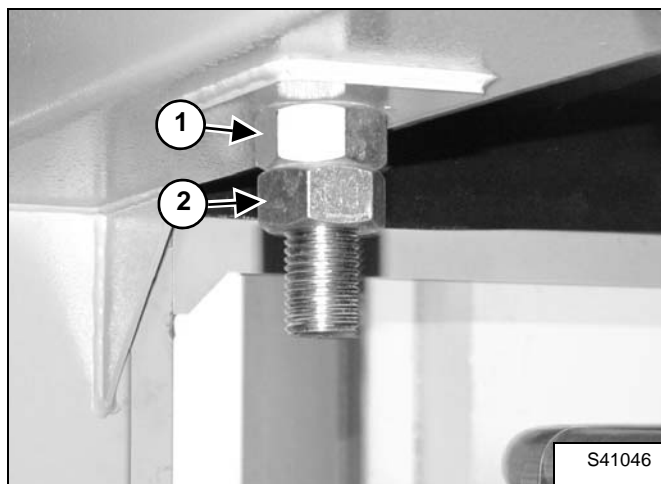
Make sure that the metal surfaces are clean and free of burr.

Figure 1



Install the lifting eye long thread (Item 1) **[Figure 1]** provided with the kit (See Kit Table on Page 1) in the lifting bail.

Figure 2



Install the first nut (Item 1) **[Figure 2]**.

While holding the lifting eye in place with a bar, tighten the first nut (Item 1) **[Figure 2]** to the required torque. (See Torque Table on Page 1.)

Install the second nut (Item 2) **[Figure 2]** against the first nut.

While holding the first nut (Item 1) in place, to prevent turning, tighten the second nut (Item 2) **[Figure 2]** (against the first one) to the required torque. (See Torque Table on Page 1.)

NOTE: Make sure the nuts are tightened to the required torque, referring to their dimension and position:

- The first nut is installed against the lifting bail.
- The second nut is installed against the first one in order to prevent from untightening.

This letter is provided as technical information only and does not alter warranty coverage.