

DIRECT TO:

PARTS MANAGER ☒
 SERVICE MANAGER ☒
 SALES MANAGER ☒

INGERSOLL RAND TECHNICAL SERVICE BULLETIN

Bulletin #: Gen-008
Date: 03 - 04 - 2006 Revised (10-12)
Product: GENERATORS
Subject: Magneton Charging Alternators

Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Doosan Company or the products of either.

MODELS	SERIAL NUMBER
G33 & G44	All
G66 & G160	All

Due to the many complaints about the poor quality of the **Magneton Charging Alternator** on the generators equipped with John Deere engine, we were forced to look for a qualitative retrofit option.

Bosch is a well known and reliable supplier who could offer us a standard solution for the G66 and above. For the G33 & G44 we had to do a little modification on the alternator.

CPN were created, prices are set:

For the G33-G44 the CPN is: **18034710**
 For the G66 and up the CPN is: **18034728**

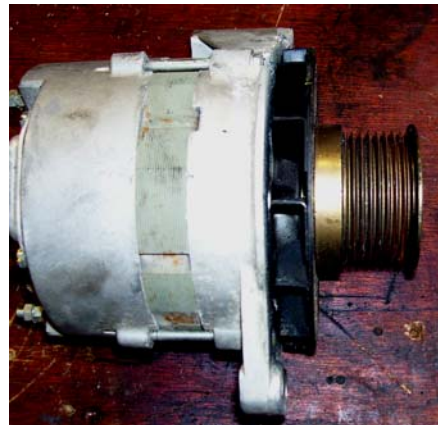
Prices and delivery time can be asked at the spare part department.

It is possible that you have to change some cable connectors because the Bosch alternator has different terminals as the Magneton (new connectors will be delivered together with the charging alternator)

Note: The new alternators will be delivered without the pulley! The old pulley of the Magneton has to be installed on the new Bosch. In most cases the pulley is still in a good condition and does not have to be renewed.

We suggest that in the future, in case you have to change a charging alternator on a John Deere engine (also under warranty) you replace the Magneton with the Bosch alternator. Also, if customers ask price for an alternator, offer

him the choice between the Magneton and the Bosch, but leave the choice to him!



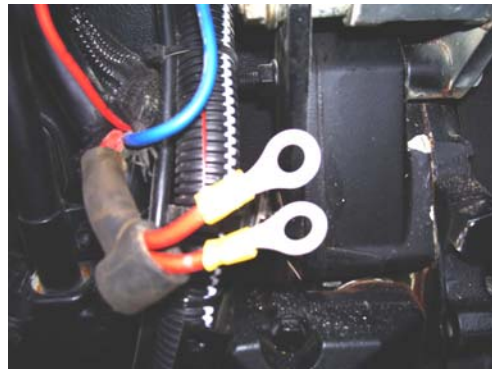
Magneton for G66 CPN 85 400 877



Magneton for G33 & G44 CPN 85 62 13 65

How to fit an alternative Bosch alternator

- Remove the original alternator from the machine
- Remove the pulley of the Magneton.
- Fit the pulley to the Bosch alternator using the original washer.
- Cut, if necessary, the 2 (or 3 for G33 & G44) existing **B+** cable connectors and replace them with the new connectors (6 mm hole Ø) which are supplied with the new alternator.



- Fit the new Bosch alternator to the engine. Make sure the drive belts are in line. Shim if necessary!
- Replace the **D+** lucar cable connector with a ring cable connector and connect with the blue earth to the alternator as shown.

