



# Technical bulletin

# TB-087

## Application guideline for IVECO 24V/90A alternators

IVECO uses 3 different suppliers for the 24V/90A internal fan alternator:

1. BOSCH
2. MITSUBISHI ELECTRIC CO. = MELCO
3. DELCO REMY

Although the 3 alternators look the same from the outside, the DELCO REMY type can only replace the MELCO alternator, so that is the reason we have different groups like below:

1. 6V/62mm pulley  
DRA4134/DRA4134N  
BOSCH < > DRA0815=DRA0815N DELCO/MELCO
2. 10V/62mm pulley  
DRB5170/DRA5170N  
BOSCH < > DRA1357=8600399 DELCO/MELCO
3. 12V/69mm pulley  
DRB6040/DRA6040N  
BOSCH < > DRA1356=8600498 DELCO/MELCO

You can only replace the BOSCH unit with the BOSCH and can not replace it with DELCO.  
Be aware if BOSCH unit is replaced by DELCO your vehicle will have charging problems that can only be fixed by ECU software refreshment in the IVECO garage!