

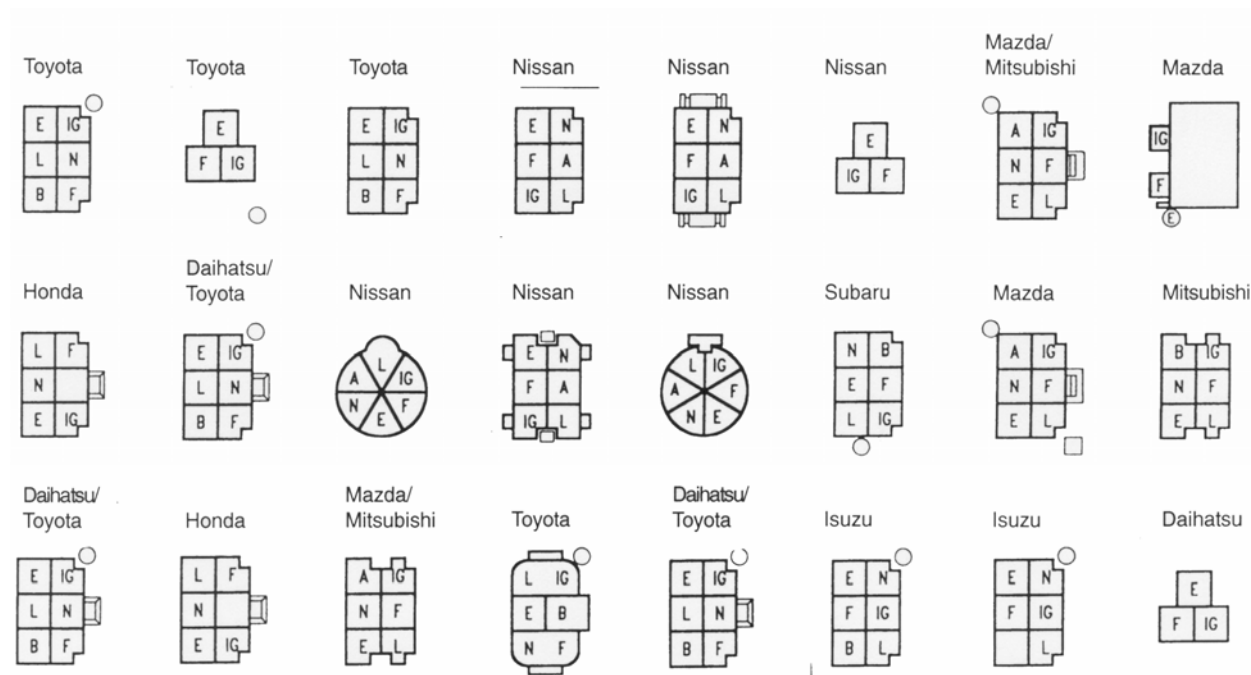
# TECHNICAL BULLETIN TB-17

## Japanese alternator without build-in regulator

- Older Japanese vehicles were almost all equipped without regulator. These alternators are connected with an external regulator, which can be found on the body of the vehicle.

- Many problems of these alternators are caused by the external regulator.

You will find the following chassis regulators on these vehicles:



## Explanation of the used abbreviations:

### Japanese system versus European system

A.B	=	B+
E	=	B-
F	=	DF
IG	=	15
L	=	61 (bulb)
N	=	stator center

**ATTENTION: ALWAYS MAKE THE RIGHT CONNECTIONS !!**