

Hitachi / Mitsubishi Alternators

These types of Alternator do not have a traditional Regulators but instead have a field control Unit. Mitsubishi & Hitachi Alternators with P-D Regulators require special testing, the voltage control & warning lamp functions are in the vehicle PCM (Computer).

* P Terminal is Stator Phase & is a direct connection to stator AC Volts. This allows the PCM to Monitor Alternator Field.

* D Terminal is Driver connected to Vehicle PCM (Computer), and is used to control the output of the field control unit by varying base current on a transistor which in turn varies field current thereby controlling Alternator output and voltage. These Alternators cannot be tested in the traditional manner without dedicated testing equipment. Connecting battery voltage to the "D" terminal will destroy the unit.

The information provided is to assist the technician and is not designed to take the place of the Vehicle Manufacturers Technical Advice or Instructions so please verify wherever possible from Manufacturers technical publications.

ALTERNATORS WITH P-D FUNCTIONS ARE:

HITACHI	PART NO.
LR165-712	ANJ057
LR170-758	ANJ057
LR170-759	ANJ057

MITSUBISHI	PART NO.	
A2TB0091	ANJ057	-
A2TB0191	ANJ057	-
A2TB0191A	ANJ057	-
A2TB0191B	ANJ057	-
A2TB7791	ANJ057	-
A3TG0081	ANJ512	ANJ512GQ
A3TG0091	ANJ512	ANJ512GQ
A3TG0091A	ANJ512	ANJ512GQ
A3TG0291	ANJ512	ANJ512GQ
A3TG0291A	ANJ512	ANJ512GQ
A3TG1391	ANJ513	ANJ513GQ ARJ525
A3TG1391A	ANJ513	ANJ513GQ ARJ525
A3TG4791	ANJ513	ANJ513GQ ARJ525
A3TB1081	ANJ520	-
A3TB1081A	ANJ520	-
A3TB1081B	ANJ520	-
A2TJ0391	ANJ548GQ	-
A2TJ0391A	ANJ548GQ	-
A2TJ0391B	ANJ548GQ	-
A2TJ0391C	ANJ548GQ	-
A3TJ1181	ANJ548GQ	-
A3TJ1191	ANJ548GQ	-
A3TG1291A	ANJ558GQ	-
A3TG1291B	ANJ558GQ	-
A3TG5691	ANJ558GQ	-
A2TG1391	ANJ568GQ	-
A3TG1691	ANJ569GQ	-
A2TC0091	ANJ569GQ	-

