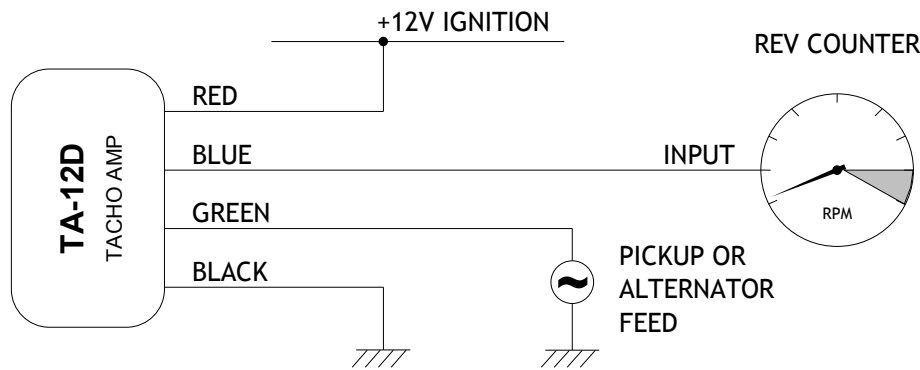




ANYTHING ELECTRONIC (NZ) LTD.

DIESEL TACHO AMPLIFIER

Part No: TA-12D



SWITCH SETTINGS

INCREASE ↑	1 - 2
	1 - 3
	1 - 2 - 10
	1 - 5
	1 - 3 - 10
	1 - 7
	DEFAULT
	1 - 4 - 10
	1 - 9
	1 - 5 - 10
DECREASE ↓	1 - 6 - 10
	1 - 7 - 10
	1 - 8 - 10
	1 - 9 - 10
	2
	3
	2 - 10
	5
	3 - 10
	7
4 - 10	
9	
5 - 10	
6 - 10	
7 - 10	
8 - 10	
9 - 10	

INSTRUCTIONS

The **TA-12D** enables a Diesel rev counter to be adapted to a pick-up signal other than the original. This may be necessary when an engine replacement has been performed or the original pick-up has failed requiring the alternator signal to be used as an alternative. The **TA-12D** is driven by an AC feed from either the alternator, the magnetic pickup on the crankshaft, cam, or injector pump and provides an AC signal necessary to drive the Diesel rev counter.

The **TA-12D** is wired as shown above. If the pickup has two leads, wire one to earth and the other to the green input wire on the Tacho Amplifier. For single leaded pickups or the pre-rectified AC feed from the alternator, connect directly to the green wire.

Using a small screwdriver make sure switches 1, 4 and 10 are in the ON position.

Run the engine at moderate revs approx 2000 RPM and observe the reading on the vehicle rev counter. If it reads too high or too low refer to the table above. This shows the sequence of switch settings to either increase or decrease the vehicle rev counter reading until the correct reading is obtained.

EXAMPLE:-

If switches 1, 4 and 10 are ON and the vehicle rev counter is reading too high, switch 4 and 10 OFF and 1 and 9 ON. If it still reads too high, switch 9 OFF and 1, 5 and 10 ON and so on down the table until you obtain the correct reading. If switches 1, 4 and 10 are ON and the vehicle rev counter is reading too low, move up the table switching 4 and 10 OFF and 1 and 7 ON etc.

NOTE:- Before changing any switch setting, set all unwanted switches to OFF.

All possible working combinations are listed - no other switch combinations are valid.

When fitting the back cover, only lightly tighten the four screws or damage to the cover may result.

The **TA-12** should be mounted with the adhesive strip to a clean, smooth surface.

IMPORTANT NOTE: The **TA-12D** takes the input signal frequency and decreases it with the different switch settings. Some Diesel rev counters, especially those which have run from fuel pump pickups, require a high frequency pulse that may not be obtainable from the alternator or other engine pick-ups. If this is the case, no setting on the **TA-12D** will be able to obtain a high enough reading and the rev counter will need to be modified. We can do this for a very moderate cost.

Warranty statement on reverse.

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