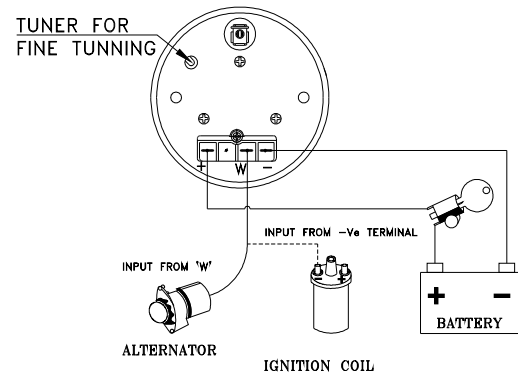


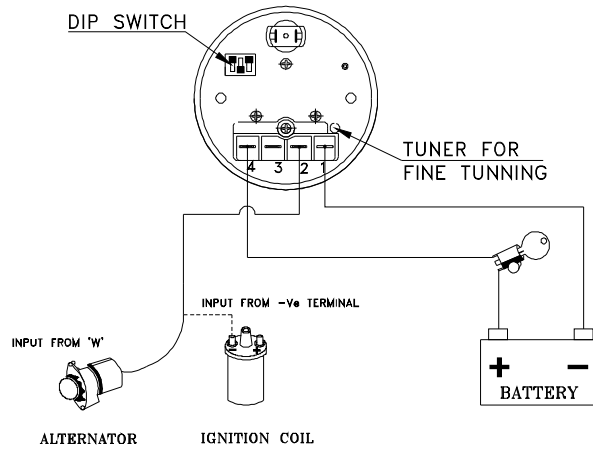
ELECTRONIC TACHOMETER INSTALLATION INSTRUCTIONS

RECTANGULAR CONNECTOR (TYPE 1)

1 DRIVEN BY ALTERNATOR / IGNITION COIL

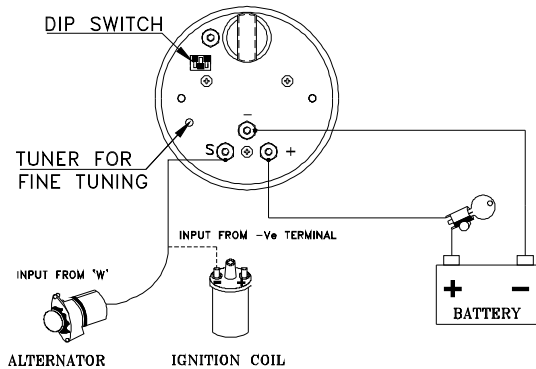


2 DRIVEN BY ALTERNATOR / IGNITION COIL



3 DRIVEN BY ALTERNATOR / IGNITION COIL

STUD CONNECTION (TYPE V)



FREQUENCY OF FULL SCALE VALUE FOR 3000,4000,6000,8000 rpm

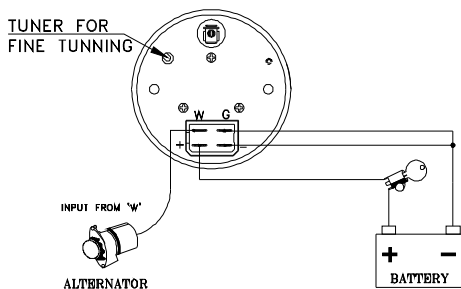
FULL SCALE RPM	IGNITION COIL (FREQUENCY IN Hz)			ALTERNATOR (FREQUENCY IN Hz)		
	4 CYLINDER	6 CYLINDER	8 CYLINDER	8 PPR	12 PPR	16 PPR
DIP SWITCH ON	1	2	3	1	2	3
DIP SWITCH OFF	1	2	3	1	2	3
3000	99	150	198	400	600	800
4000	133	200	264	533	800	1066

FULL SCALE RPM	IGNITION COIL (FREQUENCY IN Hz)			ALTERNATOR (FREQUENCY IN Hz)		
	4 CYLINDER	6 CYLINDER	8 CYLINDER	4.2 PPR	6 PPR	8.4 PPR
DIP SWITCH ON	1	2	3	1	2	3
DIP SWITCH OFF	1	2	3	1	2	3
6000	198	300	396	420	600	840
8000	266	400	533	560	800	1120

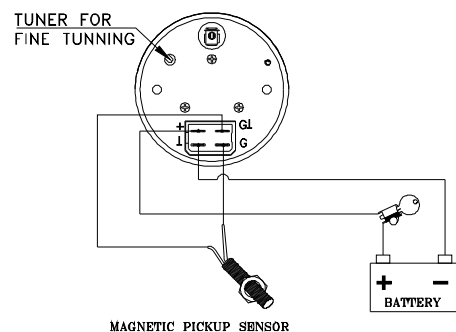
PPR MEANS: PULSES PER REVOLUTION

SQUARE CONNECTOR (TYPE II & III)

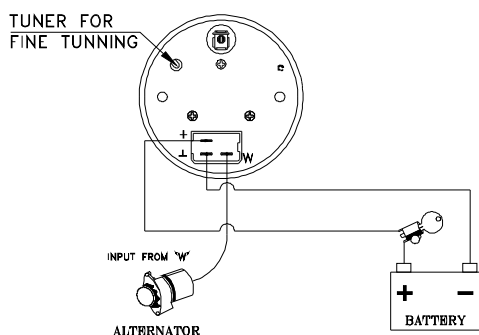
4 DRIVEN BY ALTERNATOR



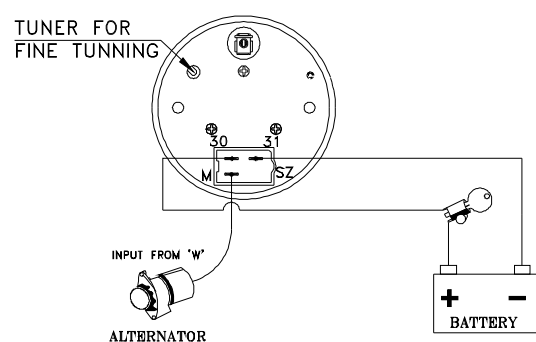
5 DRIVEN BY MAGNETIC PICKUP SENSOR



6 DRIVEN BY ALTERNATOR



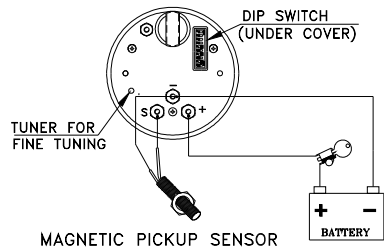
7 DRIVEN BY ALTERNATOR



ADJUSTABLE FINE TUNER HOLE PROVIDED AT BACK

STUD CONNECTION (TYPE IV)

8 DRIVEN BY MAGNETIC PICKUP SENSOR



FORMULA FOR DIP SWITCH SETTING :-

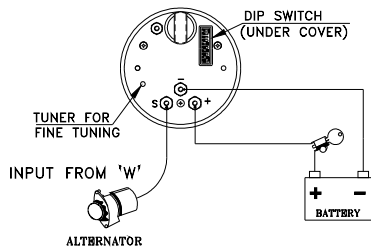
DIP SWITCH SETTING:- BINARY OF DECIMAL EQUIVALENT

EXAMPLE :- NO. OF FLYWHEEL TEETH = 129
DECIMAL EQUIVALENT = $129 - 49 = 80$
DIP SWITCH SETTING = BINARY OF DECIMAL EQUIVALENT '80' = 01010000

FACTORY SETTING: 129 FLY WHEEL THEETH

NO. OF TEETH OF FLYWHEEL	50	55	129	304
DECIMAL EQUIVALENT	01	06	80	255
DIP SWITCH POSITION				

9 DRIVEN BY ALTERNATOR



FORMULA FOR DIP SWITCH SETTING :-

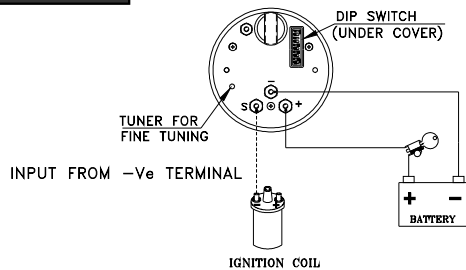
DIP SWITCH SETTING:- BINARY OF DECIMAL EQUIVALENT
DECIMAL EQUIVALENT = NO. OF PULSES/REV.

EXAMPLE :- NO. OF PULSES/REV. = 06
DECIMAL EQUIVALENT = 06
DIP SWITCH SETTING = BINARY OF DECIMAL EQUIVALENT '06' = 00000110

FACTORY SETTING: 6 PPR

NO. OF PPR	03	06	35
DECIMAL EQUIVALENT	03	06	35
DIP SWITCH POSITION			

10 DRIVEN BY IGNITION COIL



FORMULA FOR DIP SWITCH SETTING :-

DIP SWITCH SETTING:- BINARY OF DECIMAL EQUIVALENT
DECIMAL EQUIVALENT = NO. OF PULSES/REV.

EXAMPLE :- NO. OF PULSES/REV. = 04
DECIMAL EQUIVALENT = 04
DIP SWITCH SETTING = BINARY OF DECIMAL EQUIVALENT '04' = 00000100

FACTORY SETTING: 4 PPR

NO. OF PPR	01	04	05
DECIMAL EQUIVALENT	01	04	05
DIP SWITCH POSITION			

NOTES:-

1. D 9 & 10 ARE FOR RPM RANGE SELECTION

SR.NO.	RPM RANGE	D9	D10
1	0-3000	OFF	OFF
2	0-4000	ON	OFF
3	0-6000	OFF	ON
4	0-8000	ON	ON

2. RESET THE POWER SUPPLY AFTER CHANGING THE DIP SWITCHES TO SET THE SETTINGS

3. ADJUSTABLE FINE TUNING HOLE PROVIDED AT BACK