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#### APPLICATIONS

Std./ MSD Ignition - The RPM Switch is designed to work directly with any "Standard" ignition (dual point, HEI, Unilite) or with a MSD Ignition (7-AL2, 6-AL, etc.), on an 8 cylinder engine. It can be modified to work with Accel Laser II ignitions and V6 engines (please call).

Magneto Ignitions -The RPM Switch can be used on magneto ignitions when the optional PULSE GENERATOR part# PG-8 is used (distributors with mechanical Tach drive only!).

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#### WIRING

TRIGGER - This terminal is wired to the(-) negative side of the coil on Standard ignitions, or to "Tach" output on the MSD Ignitions.

- PULSE GENERATOR: Attach "white" wire here.

S.O.V. - This terminal is not used with Standard/ MSD Ignitions.

- PULSE GENERATOR: Attach "red" wire here.

+12V - This terminal is wired to a +12volt power source (Switch panel, fuse block,etc.)

**(IMPORTANT: A 5 AMP FUSE MUST BE USED ON THIS  
WIRE, OR DAMAGE TO THE RPM SWITCH WILL OCCUR.)**

GRND. - This terminal must be wired to(-) negative "ground" at the ignition box itself!

- PULSE GENERATOR: Attach "black" wire here, and also connect to chassis "ground".

N.O. - Normally Open: This terminal has no power below rpm setting, and will apply +12v at selected rpm setting. (MAX. OUT PUT= 5 AMPS)

Use this for Dedenbear air/ CO2 shifters, shift lights, nitrous.

Not for Dedenbear Solenoid Shifter.

**\* Do Not use directly with any solenoid shifter that uses more than 5 amps!**

N.C. - Normally Closed: This terminal has +12v below rpm setting, and will remove +12v at selected rpm setting. (MAX. OUT PUT= 5 AMPS)

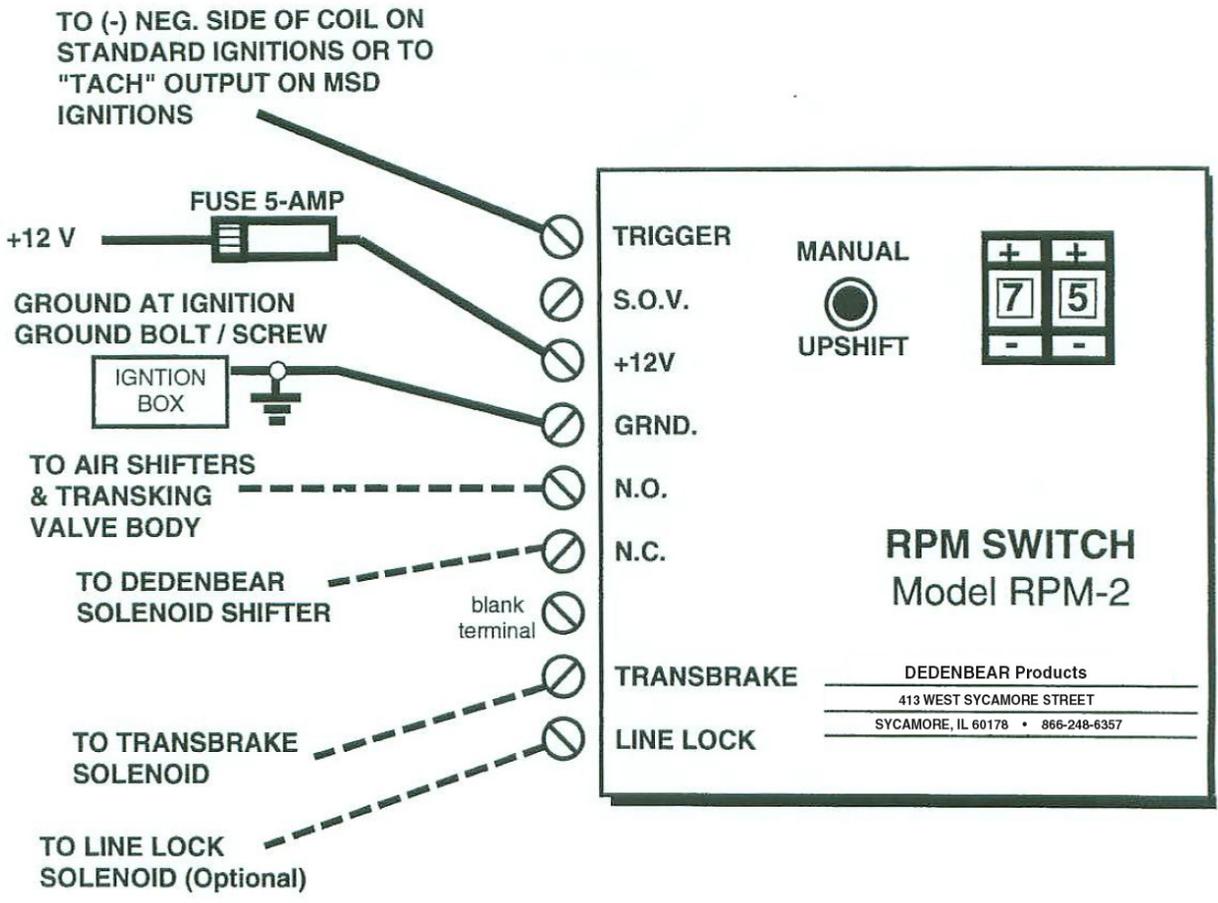
Use this for Dedenbear Solenoid Shifter.

TRANSBRAKE - This terminal is wired to the transbrake solenoid. It controls the built-in time delay (0.5 sec.) "disable" feature. When the transbrake solenoid is released (ie: launch) the RPM-2 is disabled for 0.5 seconds, not allowing the box to activate prematurely due to tire-spin, converter flash, etc., should it reach the rpm setting.

LINE LOCK - Optional hook-up) This terminal does the same as the above "Transbrake" terminal, except it is separated from the transbrake terminal (diode protected). It allows you to do a burn-out and not shift while the front linelock solenoid is engaged.

MANUAL  
UPSHIFT  
BUTTON - This button can be pressed at any time to "trigger" the rpm box into switching. Press during a run to short shift, or in the pits to test the output of the box. The motor does not need to be running to operate this feature.

SEE BACK OF INSTRUCTIONS FOR WIRING AND WARRANTY INFORMATION



NOTE: IT IS IMPORTANT TO RUN THE "GROUND" WIRE FOR THE RPM SWJTCH ALL THE WAY TO THE IGNITION GROUND SCREW/BOLT. THIS IS SO THE RPM BOX CAN REFERENCE "COMMON GROUND" WITH THE IGNITION SYSTEM.

**LIMITED 1 YEAR WARRANTY**

DEDENBEAR Products, Inc. warrants to the consumer that all DEDENBEAR Products purchased from an Authorized DEDENBEAR Reseller will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at DEDENBEAR's option, when determined by DEDENBEAR that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the DEDENBEAR Product and the necessary labor done by DEDENBEAR to effect the repair or replacement of the DEDENBEAR product. In no event shall DEDENBEAR's cost to repair or replace a DEDENBEAR under this warranty exceed the original purchase price of the DEDENBEAR Product. Nor shall DEDENBEAR Products, Inc. be responsible for special, incidental or consequential damages or costs incurred due to the failure of a DEDENBEAR Product. This warranty applies only to the original purchaser of the DEDENBEAR Product and is non-transferable. This warranty also applies only to DEDENBEAR Products purchased from an Authorized DEDENBEAR Reseller. All implied warranties shall be limited in duration to the said 12 month warranty period. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. DEDENBEAR disclaims any liability for consequential damages due to the breach of any written or implied warranty on all products manufactured by DEDENBEAR Products, Inc.

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