

# TAARKS

## THE PERFORMANCE SPECIALISTS

### Dual Channel Hall Sensor Part #120001

**WARNING!** Please read the whole guide before installing this part.

#### **Legals:**

TAARKS dual channel hall sensor has been designed and is intended for off-road use only. The installation of this part on a vehicle intended for use on public roads may violate laws and regulations in your country/state. Additionally, this part is sold with a LIMITED warranty that only covers defects in manufacturing. This warranty does not cover any damage incurred by using this part. The installation of this part may also void any vehicle warranties. Refer to a performance specialist for proper installation.

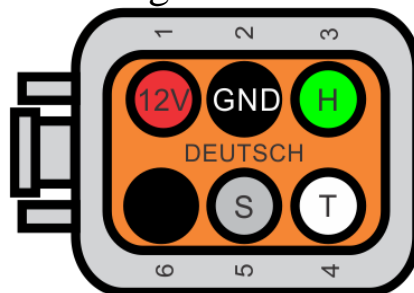
After opening the packaging please check to see if any parts are missing or damaged. If something is missing or damaged please contact us immediately. Do not install the product.

Do not modify this part in any way. Modifying the part may result in failure of the part and voids all possible warranties.

#### **Wiring Guide:**

For sensors purchased before the 06<sup>th</sup> of December 2018:

Looking into the back of the engine loom side Hall Sensor connector:

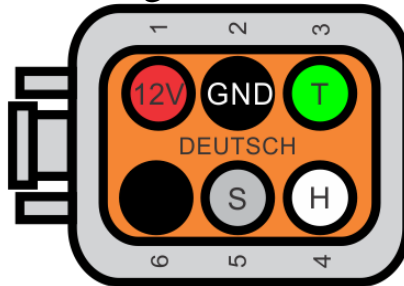


- Pin 1/Red = 12v+ (Filtered from ECU)
- Pin 2/Black = Sensor GND (from ECU)
- Pin 3/Green = Home/Sync (South Pole)
- Pin 4/White = Trigger (North Pole)
- Pin 5/Raw = Shield
- Pin 6 = Not Used

\*\*Using an un-filtered power source and ground can damage the sensor.

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Our hall sensors have 2 sensing elements, one will detect a north pole magnet and the other will detect a south pole magnet.

If the sensor is being used with one of our hall wheels then use the wiring diagrams above for trigger and sync.

For custom applications you can choose to have either pole for trigger and sync.