

PARTS LIST...

Item	Part Number	Description	Qty
1	LSC0100	Coil (inductive)	1
2	OMG0100	Magnet	2
3	PNL0600	Cable Tie	1
4	MPS4600	Metal Bracket	1
5	SW S0900	Lock Washer	1
6	SNT0400	M6 Nut (Hex)	1
7	SCV2000	Metal Screw	2
8	AUT-WHSPD	Shielded Cable	1

DRIVE SHAFT KIT INSTALLATION...

Read through the whole manual before starting any installation!

SAFETY...

Never work under a vehicle just standing on the jack! Always support the vehicle on two jack stands!

CAUTION...

Magnets can damage your wrist watch. Remove it before installing the magnets!

INITIAL PREPARATIONS...

1. Place vehicle on level ground.
2. Block the wheels so the vehicle does not roll when lifted with the jack.
3. Place the jack under the drive wheel end of the vehicle and carefully lift the vehicle. Lift the car to a height that allows sufficient working room.
4. Rest the vehicle on the two jack stands. Put the stands under jack surface, cross frame or wheel axle.
5. Put in neutral gear and disengage the handbrake (rear drive). Make sure that the drive wheels rotate freely.

INSTALLATION...

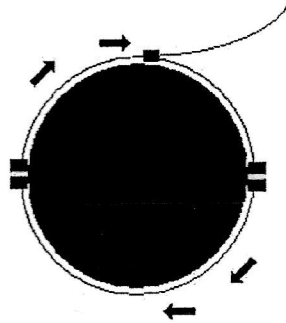
- The magnet locations must be fixed at a spot as near the transmission as possible (max 30cm) See **Picture 3**
- If this location is not possible, the magnets can be mounted on the drive shaft near the universal joint. If this location is chosen, the metal bracket (4) must be connected to a bolt on the differential. Make sure that the magnets are located in range of the coil. See **Picture 3**.

Vehicles with front wheel drive.

- Select either the right or left drive shaft from the transmission. Locate the best place for the magnets. The magnets must have free space to rotate without touching any surface around the drive shaft. The magnets must be fixed in a place no more than 30cm from the transmission.
 - Mount the metal bracket to a bolt on the transmission box. See **picture 4**
- NOTICE...**
It is important that the magnets are placed as near the universal joint as possible.
- CAUTION...**
Do NOT mount near the catalytic converter or exhaust pipe.

MOUNTING THE MAGNETS...

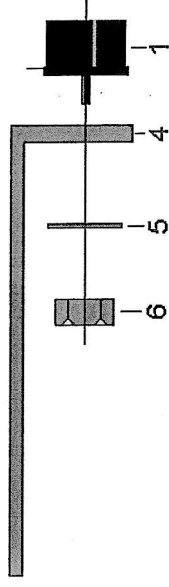
All vehicles



- To apply the magnets, simply put the magnets on the cable tie and put it around the shaft as in the picture above. Do NOT tighten yet.
- Adjust the magnets until they are located as shown above in relation to the locker on the cable tie.
- Tighten the cable tie and cut off any excess.
- Spin the drive shaft around to make sure that the magnets have clearance all the way around.

INSTALLATION OF THE COIL AND BRACKET

- Assemble the coil (1) and the bracket (4) with the M6 nut (6) and the lock washer (5) as shown in the picture below.
- NOTE:** In some cases the metal bracket (4) has to be cut or/and bent to a specific shape to work right.
- Make sure that the coil will be pointing directly at the centerline of the drive shaft.
 - There shall be a space of 2-3mm between the magnets and the coil. See **Picture 4**
 - Use the metal bracket as a template to mark and centre punch two marks for drilling.
 - Drill with two Ø 4mm holes.
 - Mount the metal bracket with the coil using the two metal screws (7)



- Be sure that the metal bracket is secured tight to the vehicle floor pan, so it does not vibrate when driving the vehicle. Sometimes an extra fabricated brace can be used to stiffen up the bracket.
- Connect the shielded cable to the terminals on the coil. It does not matter which way the wires are attached. Rout the cable in to the Cruise Control module. Back the existing Blue speed signal wire out of the Cruise Control connector (pin 7) and replace it with the Blue wire from the shielded cable. Put the Black wire from the shielded cable into the pin 8 location.

CAUTION...

Before drilling be sure that there are no parts or electrical wires which may be damaged on the other side of the floor pan.

WARNING...

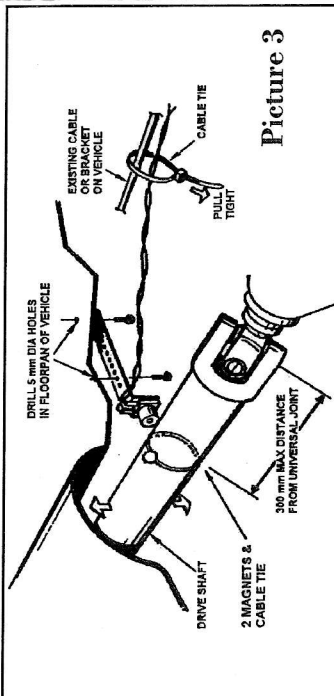
It is important that the clearance between the coil and magnets be 2-3 mm. If mounted too close, they may hit each other. If mounted too far, there is a risk the pulse signal will be weak. See **picture 4**

MORE WARNINGS...

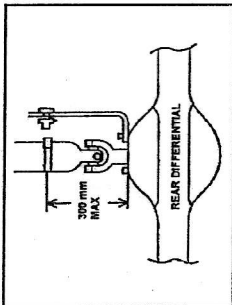
Mount all cruise control wiring away from any heat sources i.e. Engine or exhaust. Do not place wiring near spark plugs or ignition systems as this may cause interference to the coil signal.

Drive Shaft Kit

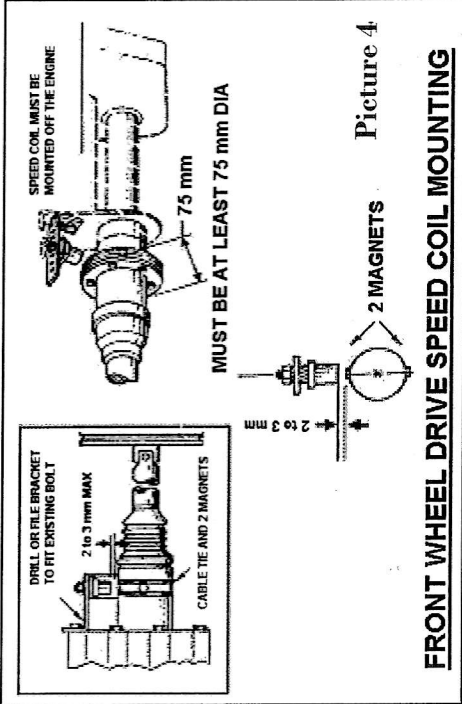
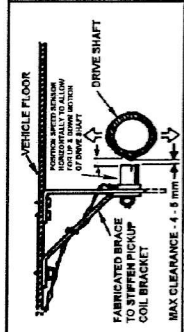
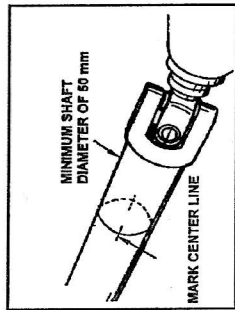
Extra accessory



REAR WHEEL DRIVE SPEED COIL MOUNTING



ALTERNATE MOUNTING FOR THE SPEED SENSOR WHEN THE FORWARD TRANSMISSION IS UNDESIRABLE



FRONT WHEEL DRIVE SPEED COIL MOUNTING

