


Siemens VDO Trading GmbH  
 Heinrich-Hertz-Str. 45  
 D-78052 Villingen-Schwenningen  
<http://www.siemensvdo.com>

**For internal use only!**  
**Technical alterations are subject to change without notice**

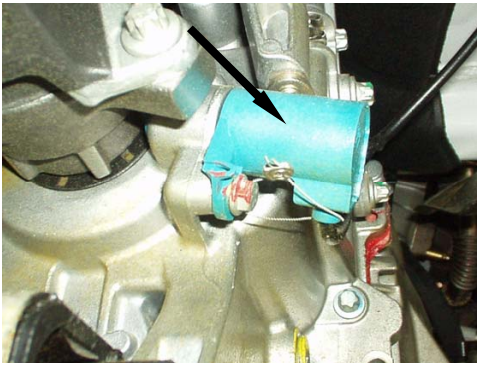
To: Technical managers / Service technicians		Date: July 4, 2006
Inland	<input checked="" type="checkbox"/> NSO / ND <input type="checkbox"/> RS / EWR <input type="checkbox"/> IS / EW, ISE / EWEI	from: Mr Armleder
	<input type="checkbox"/> For info: NSO / ND	Dept.: SV S SO VIL SP TCO PS
Abroad	<input checked="" type="checkbox"/> NSO / ND	Phone: 07721 / 67 2442
Product / System:	<b>DTCO</b>	Fax: 07721 / 67 2917
Belonging to:	<b>Retrofitting</b>	Email: dieter.armleder@siemens.com
<b>SI No.:</b>	<b>116 036</b>	Page: 1 of 2

**Installation Suggestion for: DaimlerChrysler      Sprinter**

	<b>Vehicle Data</b>	<b>Sprinter NCV 3</b>
	Year of manufacture	starting 2006 new generation
	Vehicle type Diesel DCI	209, 211, 213, 215, 218, 309, 311, 313, 315, 318
	Power (KW)	65, 80, 95, 110, 135
	Vehicle distance pulse	approx. 11,500 pulses/km

**Vehicles without Preliminary Setup for TCO**

Required Components	Part Number
DTCO	1381-001000009 Illumination yellow, dimming A2 w/o CAN
DTCO	1381-0061200001 Illumination green, dimming A 2 w/o CAN D1+D2
KITAS	See list of versions
Connecting cable connector A	1318-90100000
Mounting frame	1324-90010500

KITAS Installation	KITAS Versions			
	Vehicle Type	Part Number	Divider	Output
	All-wheel	2171-30810390	1:1	90°
	Automatic transmission	2171-30840360	4:1	90°
	Manual transmission	2171-30810390	1:1	90°

### Vehicles with Preliminary Setup for TCO

The DC description for the preliminary setup for the DTCO 1381 is **JV 6**. This preliminary setup contains all necessary connections as well as the KITAS.

After the installation of the tachograph the instrument cluster must be programmed by means of the DaimlerChrysler diagnostic system (Star diagnosis) which results in the odometer and the TCO display illumination being adapted to the instrument cluster. The electric cables (connectors A + B) are accessible after removal of the second radio compartment.

### Parts Which are Required for a Preliminary Setup for TCO

Required Components	Part Numbers	Remarks
DTCO	1381 0010000010	DTCO 12V, CAN illumination GE/C
DTCO	1381-0010000011	DTCO 12V, CAN illumination GE/C D1+D2
Mounting frame	1324-90010500	

### DTCO Installation



Second radio compartment

### Time required for installation:

Vehicle **without** preliminary setup for TCO approx. 1½ hours

Vehicles **with** preliminary setup for TCO approx. three-quarters of an hour