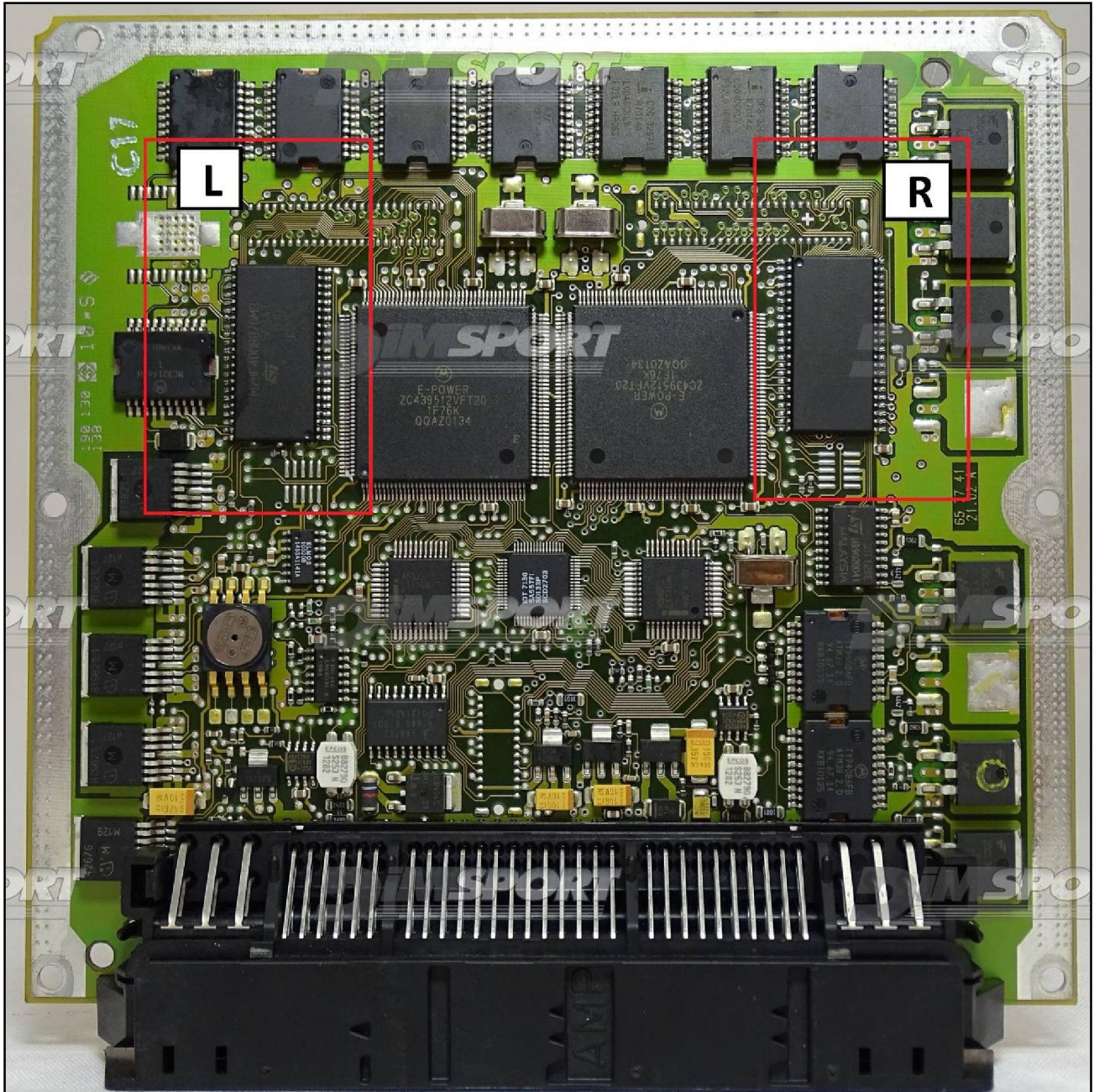# SIEMENS MSS54 BMW

plugin **1100&1101**

SIEMENS MSS54 BMW

This ECU is supplied with 2 microprocessors and 2 flash memories. Two different plugins have been created so that, in case of reprogramming of the DIM file, not rendering possible to invert the files. For a better comprehension, <u>we will refer to the ECU placed with the connector on the inferior side</u>. We will name the BDM lay-by pins placed on the <u>right with the letter R</u> (right), while those on the <u>left with the letter L</u> (left).
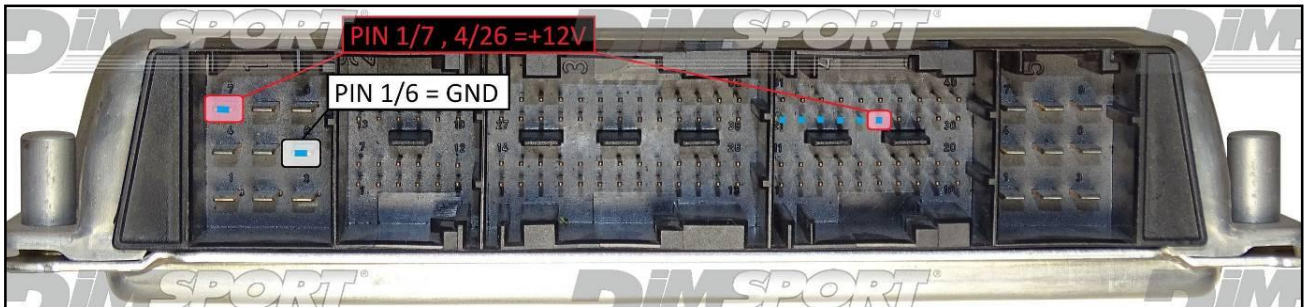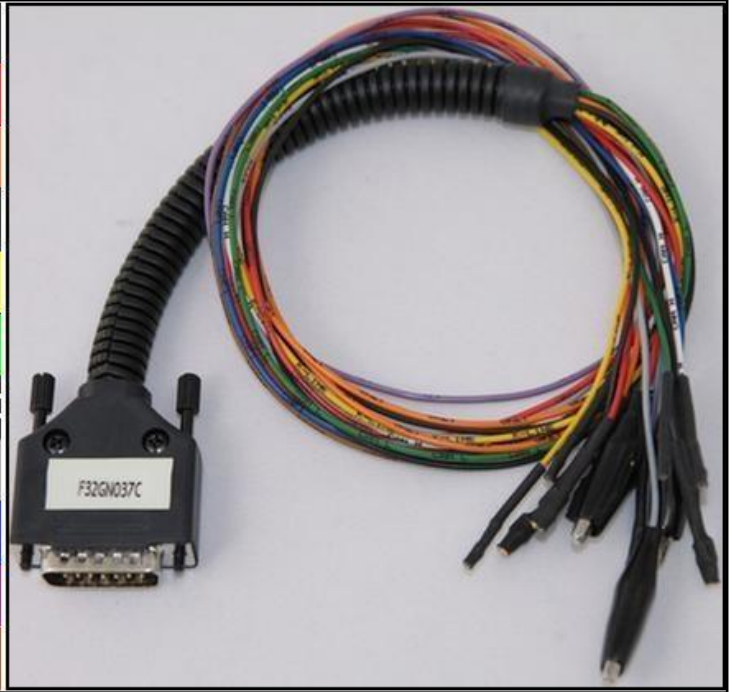
SIEMENS MSS54 BMW

ECU CONNECTOR
In order to connect to the ECU use the CABLE F32GN037C.
Make sure that the POWER led (red) on Trasdata is ON.

COLORE FILO WIRE COLOUR		DESCRIZIONE DESCRIPTION
	ROSSO RED	POSITIVO DIRETTO POWER BATTERY
	ARANCIO ORANGE	POSITIVO SOTTO QUADRO POWER SWITCH ON
	NERO BLACK	MASSA GND
	GIALLO YELLOW	KLINE
	VERDE GREEN	CAN LOW
	BIANCO WHITE	CAN HIGH
	GRIGIO GREY	POL4 BOOT
	BLU BLUE	POL5 CNF1
	VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG. PROG. VOLTAGE
	MARRONE BROWN	RESET

PIN 1/7 , 4/26 =+12V

PIN 1/6 = GND

SIEMENS MSS54 BMW

LOOSE WIRES CONNECTION:

Connect the cable F34NTF53 as shown here below:

Pin	Colore Coulor
11	Non usato / Not used
12	Non usato / Not used
13	Non usato / Not used
14	Non usato / Not used
15	Non usato / Not used
16	Blu / Blue
17	Viola / Violet
18	Non usato / Not used
19	Bianco / White
20	Nero / Black
21	Marrone / Brown
22	Rosso / Red
23	Non usato / Not used
24	Non usato / Not used
25	Non usato / Not used
26	Non usato / Not used

SIEMENS MSS54 BMW

IMPORTANT: since the HARDWARE number and SOFTWARE number are contained in the RIGHT MICROPROCESSOR we suggest to read out first the RIGHT MEMORY. (plugin 1101). We suggest to note the SW numbers, this will help you while reading out the LEFT MEMORY and easily find the correct corresponding setting file to download. When you write the HW and SW numbers you must write the 3 characters with DX & SX depending on the memory side:

Example

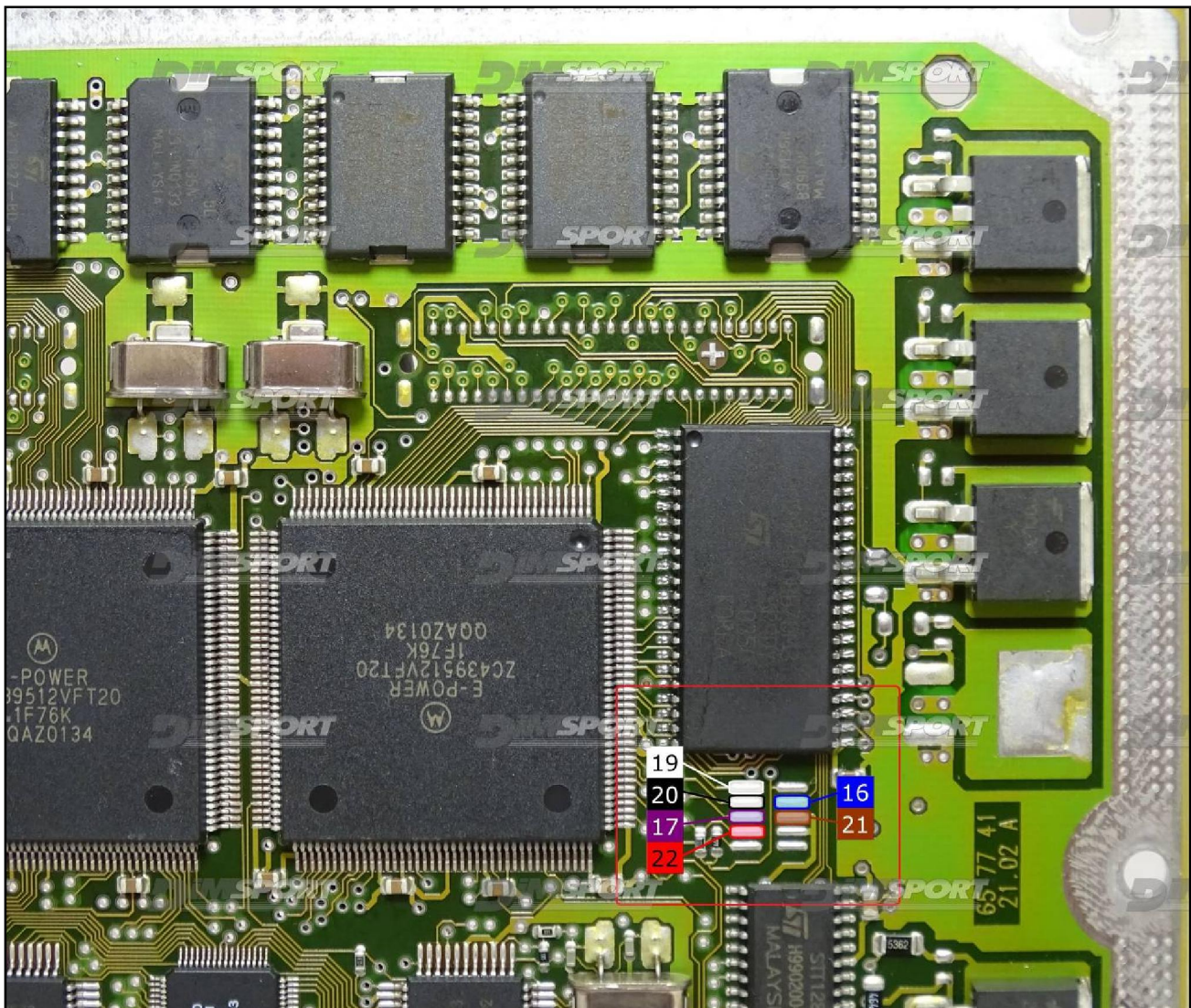ID DX MEMORY (automatic with plugin 1101)
HW : 7837805 DX
SW : 2001

ID SX MEMORY (to be compiled in the data with plugin 1100)
HW : 7837805 SX
SW : 2001

R (RIGHT) memory CONNECTION

SIEMENS MSS54 BMW

L (LEFT) memory CONNECTION