

**Document number:** pe07.61-p-2000-99ac

**Document title:** Wiring diagram - ME-SFI fuel injection and ignition system

**Code: Designation: Coordinates:**

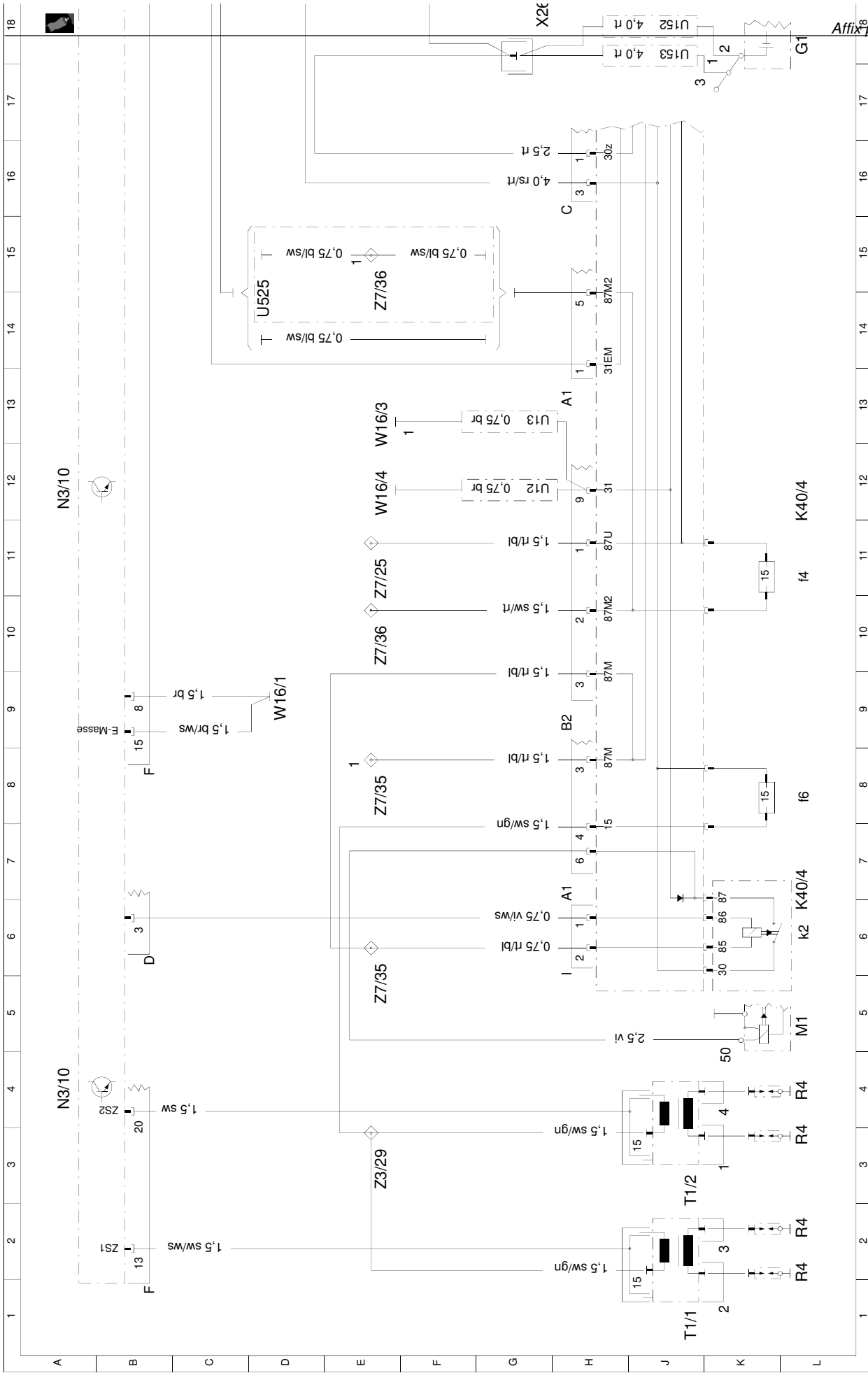
|         |  |      |
|---------|--|------|
| A16     | Knock sensors                              | 43 L |
| B11/4   | Engine coolant temperature sensor          | 34 L |
| B2/5    | Hot film MAF sensor                        | 41 L |
| B6/1    | Camshaft Hall-effect sensor                | 39 L |
| G1      | Battery                                    | 18 L |
| K40/2   | Driver-side fuse and relay module          | 23 L |
| K40/4   | Front passenger-side fuse and relay module | 7 L  |
| K40/4   | Front passenger-side fuse and relay module | 12 L |
| K40/4f4 | Fuse 2, Motronic                           | 11 L |
| K40/4f6 | Fuse, ignition coils                       | 8 L  |
| K40/4k2 | Starter relay                              | 6 L  |
| L5      | CKP sensor                                 | 44 L |
| M1      | Starter                                    | 5 L  |
| M16/6   | Throttle valve actuator                    | 30 L |
| M16/6m1 | Actuator motor                             | 30 K |
| M16/6r1 | Throttle valve actual value potentiometer  | 31 J |
| M16/6r2 | Drive actual value potentiometer           | 31 K |
| M16/6r3 | Actual value potentiometer (wiper 1)       | 30 J |
| M16/6r4 | Actual value potentiometer (wiper 2)       | 29 J |
| M16/7   | Recirculated air flap actuator             | 27 L |
| N3/10   | Engine control module (ME-SFI [ME])        | 4 A  |
| N3/10   | Engine control module (ME-SFI [ME])        | 12 A |
| N3/10   | Engine control module (ME-SFI [ME])        | 20 A |
| N3/10   | Engine control module (ME-SFI [ME])        | 28 A |
| N3/10   | Engine control module (ME-SFI [ME])        | 36 A |
| N3/10   | Engine control module (ME-SFI [ME])        | 44 A |
| N73     | Electronic ignition switch control module  | 20 L |
| R4      | Spark plugs                                | 2 L  |
| R4      | Spark plugs                                | 2 L  |
| R4      | Spark plugs                                | 3 L  |
| R4      | Spark plugs                                | 4 L  |
| S43     | Oil level switch                           | 45 L |
| T1/1    | Ignition coil 1                            | 1 J  |
| T1/2    | Ignition coil 2                            | 3 J  |
| U12     | Valid for left hand drive                  | 12 G |
| U13     | Valid for right-hand steering              | 13 G |
| U152    | Valid for model 202                        | 18 J |
| U153    | Valid for model 208                        | 18 J |
| U525    | Valid for compressor engine                | 14 D |

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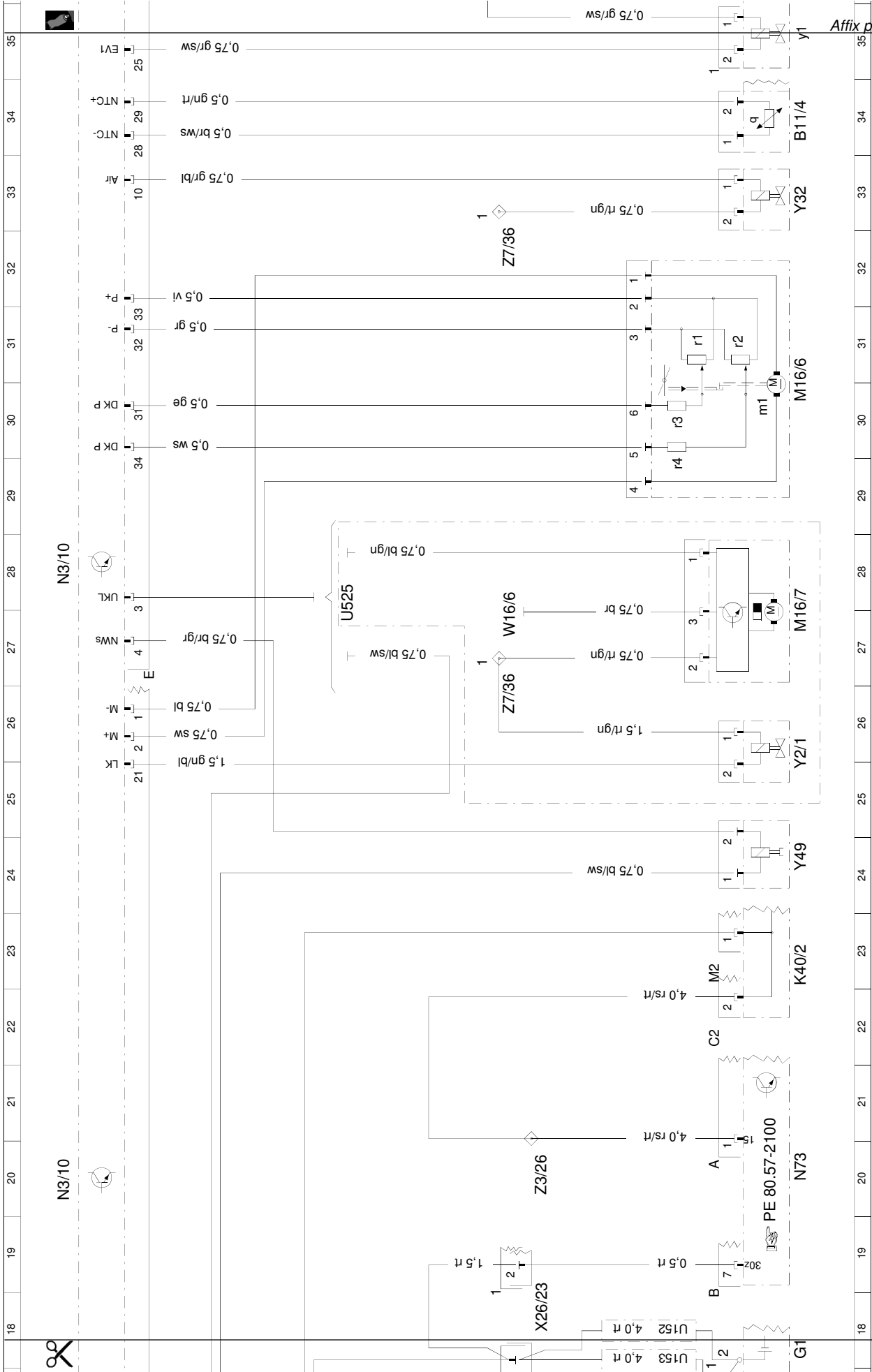
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|        |   |      |
|--------|---|------|
| U525   | Valid for compressor engine                                       | 28 E |
| W16/1  | Ground (right spring tower)                                       | 9 D  |
| W16/3  | Ground (output ground - component compartment - left)             | 13 E |
| W16/4  | Ground (output ground - component compartment - right)            | 12 E |
| W16/6  | Ground (electronics ground - component compartment - right)       | 27 G |
| X26/23 | Engine compartment/cockpit connector                              | 18 G |
| Y2/1   | Magnetic super charger clutch                                     | 26 L |
| Y32    | AIR pump switchover valve   | 33 L |
| Y49    | Adjustable camshaft timing solenoid                               | 24 L |
| Y62    | Injectors (LH-SFI, HFM-SFI, PEC [LH, HFM, PMS])                   | 37 L |
| Y62Y1  | Injector (cylinder 1)   | 35 L |
| Y62Y2  | Injector (cylinder 2)   | 36 L |
| Y62Y3  | Injector (cylinder 3)   | 37 L |
| Y62Y4  | Injector (cylinder 4)   | 38 L |
| Z3/26  | Circuit 15 (unfused) connector sleeve                             | 20 G |
| Z3/29  | Circuit 15 connector sleeve, (fused)                              | 3 E  |
| Z37/2  | CAN-Engine-Bus (low) connector sleeve                             | 47 E |
| Z37/3  | CAN-Engine-Bus (high) connector sleeve                            | 46 E |
| Z7/25  | Circuit 87 (unfused) connector sleeve (HFM-SFI [HFM]/base module) | 11 E |
| Z7/35  | Connector sleeve, circuit 87M, feed from BM [GM] (N16/1)          | 5 E  |
| Z7/35  | Connector sleeve, circuit 87M, feed from BM [GM] (N16/1)          | 8 E  |
| Z7/35  | Connector sleeve, circuit 87M, feed from BM [GM] (N16/1)          | 37 G |
| Z7/35  | Connector sleeve, circuit 87M, feed from BM [GM] (N16/1)          | 37 E |
| Z7/36  | Circuit 87 M2e connector sleeve                                   | 10 E |
| Z7/36  | Circuit 87 M2e connector sleeve                                   | 14 E |
| Z7/36  | Circuit 87 M2e connector sleeve                                   | 26 G |
| Z7/36  | Circuit 87 M2e connector sleeve                                   | 32 G |



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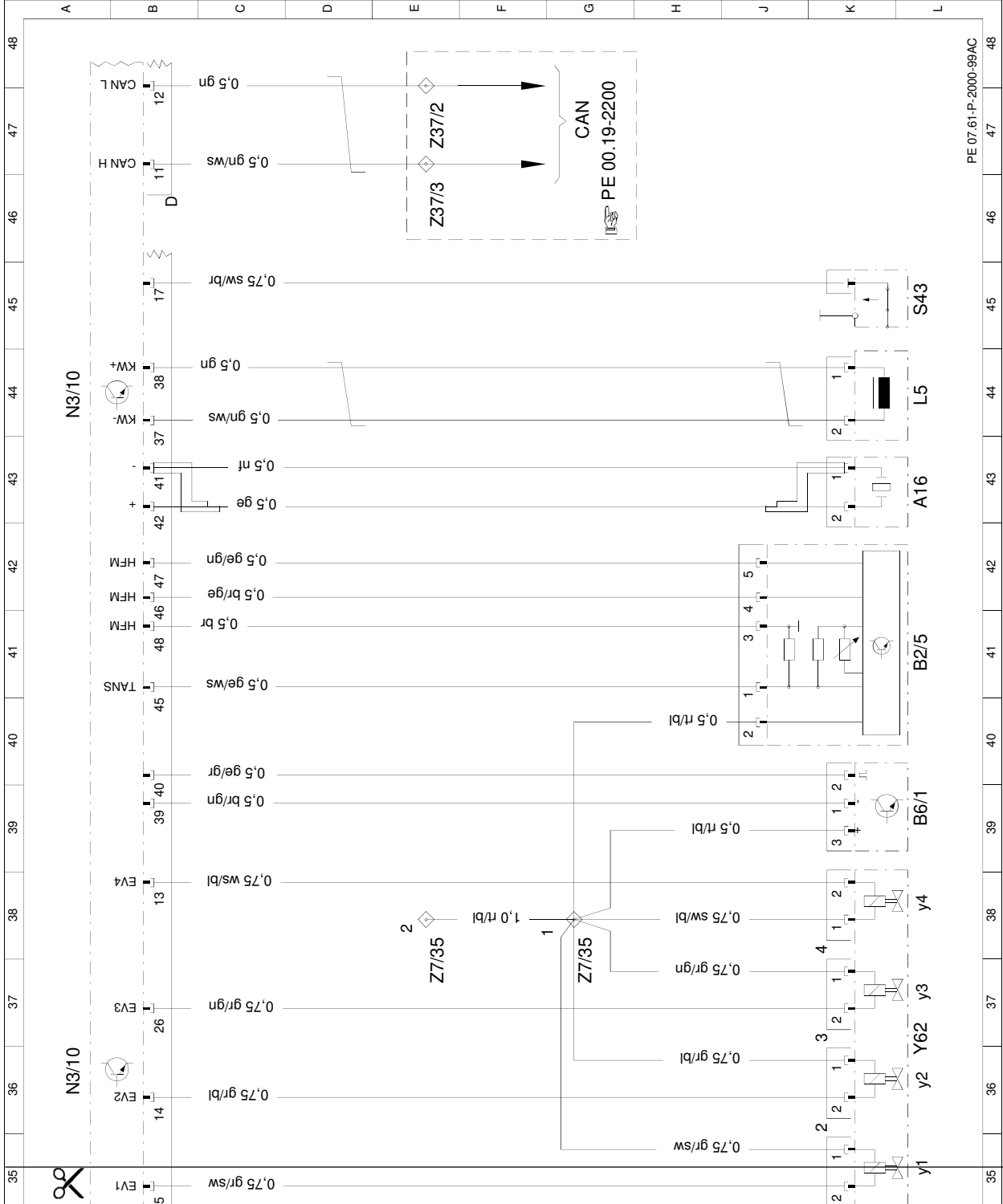
Wiring diagram - ME-SFI fuel injection and ignition system / pe07.61-p-2000-99ac  
 ENGINE 111 as of 1.6.98 up to 31.5.00 in MODEL 202, 208 except CODE (491) U.S. version with/without supercharger, engine block wiri



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