

DDF SYSTEM
Diesel+CNG

VEHICLES LIST



LANDIRENZO®
Alternative mobility

Update: October 2014



CARS

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code |
|------------|------------|----------|--------------|-----------|-------------------|--------------|----|-----------|
| Fiat | Doblò | 223B1000 | 1910 | 4 | 77 | 2003/76 CE-B | E4 | 604800599 |
| Fiat | Doblò | 223A7000 | 1910 | 4 | 77 | 2003/76 CE-B | E4 | 604800599 |
| Fiat | Bravo | 192A8000 | 1910 | 4 | 85 | 2003/76 CE-B | E4 | 604800595 |
| Land Rover | Freelander | 204D3 | 1951 | 4 | 82 | 2001/1/CE | E3 | 604800595 |

LIGHT COMMERCIAL VEHICLES

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code |
|---------|---------|-----------|--------------|-----------|-------------------|--------------|------|-----------|
| Fiat | Ducato | F1AE0481D | 2287 | 4 | 88 | 2003/76/CE-B | E4 | 604800173 |
| Fiat** | Ducato | F1AE0481D | 2287 | 4 | 88 | 2003/76/CE-B | E4 | 604800173 |
| Fiat | Ducato | F1CE0481D | 2999 | 4 | 115,5 | 2003/76CE-B | E4 | 604800173 |
| Fiat | Ducato | 8140.43 | 2800 | 4 | 90 | 96/69 | E2 | 604800171 |
| Fiat | Ducato | 8140.43S | 2800 | 4 | 92 | 1999/96 CE | E3 | 604800173 |
| Fiat | Ducato | F1AE0481C | 2287 | 4 | 81 | 1999/96 CE | E3 | 604800173 |
| Fiat** | Ducato | F1AE3481E | 2287 | 4 | 109 | 630/2012 | E5-B | 604800173 |
| Fiat** | Ducato | F1AE3481D | 2287 | 4 | 96 | 630/2012 | E5-B | 604800173 |
| Fiat*** | Scudo | RHX | 1997 | 4 | 69 | 2001/1/CE | E3 | 604800173 |
| Ford | Transit | QVFA | 2198 | 4 | 81 | 2003/76 CE-B | E4 | 604800173 |
| Ford | Transit | JXFA | 2402 | 4 | 85 | 2003/76 CE-B | E4 | 604800173 |
| Iveco | Daily | 8140.47 | 2500 | 4 | 85 | 96/69 | E2 | 604800171 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code |
|----------|----------|-----------|--------------|-----------|-------------------|--------------|----|-----------|
| Iveco | Daily | 8140.43 | 2800 | 4 | 90 | 96/69 | E2 | 604800171 |
| Iveco | Daily | 8140.43C | 2800 | 4 | 78 | 96/1 | E2 | 604800171 |
| Iveco | Daily | 8140.43R | 2800 | 4 | 66 | 2001/27/CE | E3 | 604800173 |
| Iveco | Daily | 8140.43S | 2800 | 4 | 92 | 96/69 | E2 | 604800173 |
| Iveco | Daily | 8140.43S | 2800 | 4 | 92 | 2001/27/CE | E3 | 604800173 |
| Iveco | Daily | 8140.43N | 2800 | 4 | 107 | 2001/27/CE | E3 | 604800173 |
| Iveco | Daily | F1AE0481B | 2286 | 4 | 85 | 2001/27/CE | E3 | 604800173 |
| Iveco | Daily | F1AE0481G | 2287 | 4 | 85 | 2003/76/CE-B | E4 | 604800173 |
| Iveco | Daily | F1CE0481B | 2998 | 4 | 122 | 2001/27/CE | E3 | 604800173 |
| Iveco | Daily | F1CE0481A | 2998 | 4 | 100 | 99/96 CE | E3 | 604800173 |
| Iveco | Daily | F1CE0481F | 2998 | 4 | 107 | 2003/76CE-B | E4 | 604800173 |
| Mercedes | Sprinter | 602980 | 2874 | 4 | 90 | 92/97 | E2 | 604800173 |
| Mercedes | Sprinter | 602980 | 2874 | 4 | 90 | 94/12 CEE | E2 | 604800173 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code |
|----------|----------|-----------|--------------|-----------|-------------------|--------------|----|-----------|
| Mercedes | Sprinter | 612981 | 2685 | 4 | 115 | 2001/27/CE | E3 | 604800173 |
| Nissan | Cabstar | BD30D | 2953 | 4 | 78 | 91/542/CEE-B | E2 | 604800171 |
| Nissan | Cabstar | BD30Ti | 2953 | 4 | 88 | 2001/27/CE | E3 | 604800173 |
| Nissan | Cabstar | BD30 | 2953 | 4 | 92 | 2001/27/CE | E3 | 604800173 |
| Nissan | Cabstar | YD25 DDTi | 2488 | 4 | 96 | 2003/76 CE-B | E4 | 604800173 |
| Opel | Movano | S9WA7 | 2463 | 4 | 84 | 96/69 CE | E2 | 604800171 |
| PSA | Jumper | 4HV | 2198 | 4 | 74 | 2003/76 CE-B | E4 | 604800173 |
| PSA | Jumper | 4HU | 2198 | 4 | 88 | 2003/76 CE-B | E4 | 604800173 |
| PSA | Jumper | F1CE0481D | 2999 | 4 | 115,5 | 2003/76CE-B | E4 | 604800173 |
| Renault | Mascott | ZD3 A 604 | 2953 | 4 | 115 | 2001/27/CE | E3 | 604800173 |
| Renault | Mascott | ZD3 A 600 | 2953 | 4 | 85 | 2001/27/CE | E3 | 604800173 |
| Toyota | Hylux | 1KDFTV | 2982 | 4 | 127 | 2003/76 CE-A | E3 | 604800173 |
| Toyota | Fortuner | 1KDFTV | 2982 | 4 | 127 | 2003/76 CE-A | E3 | 604800173 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code |
|--------|-------|--------|--------------|-----------|-------------------|--------------|----|-----------|
| Toyota | Hylux | 2KDFTV | 2500 | 4 | 75 | 2003/76 CE-A | E3 | 604800173 |



HEAVY DUTY VEHICLES

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation/Country | Kit code* |
|--------|-------------|----------------|--------------|-----------|-------------------|----------------------|---------------------------------------------------------------|
| BMC | Pro 827 | Cummins C260 | 8300 | 6 | 193 | Turkey | 604800682 612490000 612492000 612494000 612496000 |
| BMC | AS850 (BUS) | Cummins ISB220 | 5883 | 6 | 162 | Turkey | 604800684 612490000 612492000 612570000 |
| Daewoo | | DE08TIS | 8070 | 6 | 151 | UAE | 604800682 612490000 612492000 612494000 612496000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation/Country | | Kit code* |
|--------|--------|--------------|--------------|-----------|-------------------|-----------------------------|----|---------------------------------------------------------------|
| DAF | XF430 | XF95.430 | 12580 | 6 | 315 | 91/542 CEE punto 6.2.1.B | E2 | 604800682 612490000 612492000 612494000 612496000 |
| DAF | XF 480 | XE355C1 | 12580 | 6 | 355 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| DAF | XF 430 | XE315C1 | 12580 | 6 | 315 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Otokar | Doruk | Deutz 140G/2 | 4764 | 4 | 140 | Turkey | E4 | 604800683 612490000 612492000 612570000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation/Country | | Kit code* |
|--------------|-----------|------------------|--------------|-----------|-------------------|----------------------|----|---------------------------------------------------------------|
| Freightliner | Columbia | Detroit 6067BK60 | 12700 | 6 | 373 | USA | | 604800685 612490000 612492000 612570000 |
| Freightliner | Columbia | Cummins ISM 370 | 11000 | 6 | 276 | USA | | 604800685 612490000 612492000 612570000 |
| Hyundai | Universe | D6ABA | 11149 | 6 | 230 | UAE | | 604800682 612490000 612492000 612494000 612496000 |
| Iveco | Cityclass | 8360.46v | 7685 | 6 | 190 | 96/1 CE | E2 | 604800681 612490000 612492000 612494000 612496000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation/Country | | Kit code* |
|-------|-----------|-----------|--------------|-----------|-------------------|--------------------------|----|---------------------------------------------------------------|
| Iveco | Eurocargo | 8060.45B | 5861 | 6 | 110 | 91/542/CEE | E2 | 604800681 612490000 612492000 612494000 612496000 |
| Iveco | Eurocargo | 8060.25v | 5861 | 6 | 130 | 91/542CEE | E2 | 604800681 612490000 612492000 612494000 612496000 |
| Iveco | Eurocargo | F4AE0681B | 5900 | 6 | 177 | 1999/96/CE 2001/27/CE | E3 | 604800684 612490000 612492000 612570000 |
| Iveco | Eurocargo | F4AE0681D | 5900 | 6 | 154 | 1999/96/CE | E3 | 604800684 612490000 612492000 612570000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|-------|-----------|-----------|--------------|-----------|-------------------|--------------|----|--------------------------------------------------|
| Iveco | Eurocargo | F4AE0681D | 5900 | 6 | 154 | 2001/27/CE | E3 | 604800684 612490000 612492000 612570000 |
| Iveco | Eurocargo | F4AE0481A | 3920 | 4 | 125 | 2001/27/CE | E3 | 604800683 612490000 612492000 612570000 |
| Iveco | Eurotech | F2BE0681A | 7790 | 6 | 259 | 2001/27/CE | E3 | 604800684 612490000 612492000 612570000 |
| Iveco | Eurostar | F3AE0681D | 10308 | 6 | 316 | 1999/96/CE | E3 | 604800685 612490000 612492000 612570000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|-------|---------|-----------|--------------|-----------|-------------------|--------------|----|--------------------------------------------------|
| Iveco | Magirus | F3BE0681E | 12882 | 6 | 353 | 1999/96/CE | E3 | 604800685 612490000 612492000 612570000 |
| Iveco | Magirus | F3BE0681E | 12882 | 6 | 353 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Iveco | Stralis | F3AE0681D | 10308 | 6 | 316 | 1999/96/CE | E3 | 604800685 612490000 612492000 612570000 |
| Iveco | Stralis | F3AE0681D | 10308 | 6 | 316 | 2001/27/CE | | 604800685 612490000 612492000 612570000 |



| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|----------|---------|---------|--------------|-----------|-------------------|--------------|----|------------------------------------------------------------------------------|
| Mercedes | Axor | OM457LA | 11967 | 6 | 315 | 2001/27/CE | E3 | 604800688 612000020 612000021 612492000 612490000 |
| Mercedes | Atego | OM904LA | 4250 | 4 | 140 | Turkey | E4 | 604800686 612490000 612492000 612000020 612000021 |
| Mercedes | Axor | OM457LA | 11967 | 6 | 300 | Turkey | E4 | 604800688 612490000 612492000 612000020 612000021 |
| Mercedes | Travego | OM457LA | 11967 | 6 | 315 | Turkey | E5 | 604800688 612490000 612492000 612000020 612000021 3x612997000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|---------|---------------|--------|--------------|-----------|-------------------|--------------|----|--------------------------------------------------|
| Renault | Premium (370) | / | 11116 | 6 | 272 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Renault | Premium (420) | / | 11116 | 6 | 303 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Renault | Midlum (220) | / | 6174 | 6 | 158 | 2001/27/CE | E3 | 604800684 612490000 612492000 612570000 |
| Renault | Magnum | / | 11929 | 6 | | 96/1 CEE | E2 | 604800685 612490000 612492000 612570000 |



| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|---------|-------------|-----------|--------------|-----------|-------------------|----------------------------|----|--------------------------------------------------|
| Renault | Magnum | DXI 480 | 11929 | 6 | 353 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Scania | R 124 | DSC 12.01 | 11705 | 6 | 294 | 91/542CEE punto 6.2.1.B | E2 | 604800685 612490000 612492000 612570000 |
| Scania | R 124 CV420 | DC12 03 | 11705 | 6 | 309 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Scania | R 124 CV420 | DC12 14 | 11705 | 6 | 309 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|-------|------|---------|--------------|-----------|-------------------|--------------|----|--------------------------------------------------|
| Volvo | FH12 | D12C460 | 12130 | 6 | 338 | 96/1 CEE | E2 | 604800685 612490000 612492000 612570000 |
| Volvo | FH12 | D12D460 | 12130 | 6 | 338 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |
| Volvo | FH12 | D12D460 | 12130 | 6 | 338 | 1999/96/CE | E3 | 604800685 612490000 612492000 612570000 |
| Volvo | FH12 | D12A420 | 12130 | 6 | 309 | 91/54 CEE-A | E1 | 604800685 612490000 612492000 612570000 |

| Brand | Type | Engine | Displacement | Cylinders | Engine power [kW] | Homologation | | Kit code* |
|-------|------|---------|--------------|-----------|-------------------|--------------|----|--------------------------------------------------|
| Volvo | FH13 | D13A440 | 12780 | 6 | 324 | 2001/27/CE | E3 | 604800685 612490000 612492000 612570000 |



Verify if the vehicles data, written on the car registration certificate, match with the ones of the table above, especially for:

- Displacement
- Engine power
- Engine code
- Homologation

In case of mismatch, contact directly Landi Renzo staff in order to verify the feasibility before start the conversion.

Note:

For heavy duty vehicles is necessary to order all the codes of the table, they are related to the kit and to the auxiliary wirings (*)

It is not possible to convert vehicles equipped with particulate filter if not present in the list above (identified by **)

Vehicles requiring a specific component, it is necessary to contact directly Landi Renzo staff before start the conversion (***)

