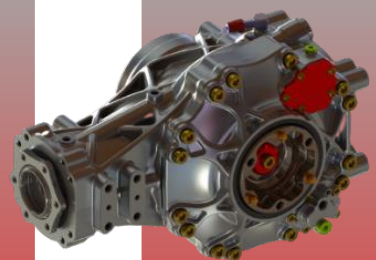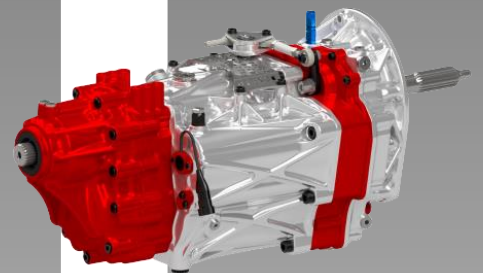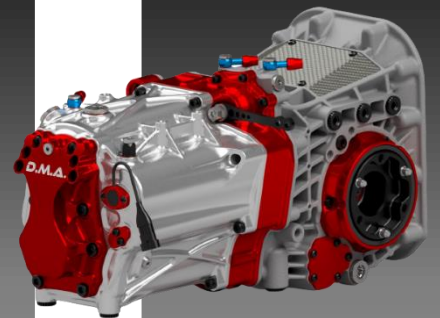# D.M.A RACING GEARS

GEAR DISPLAY PROGRAMMING & WIRING

DISPLAY PROGRAMMING

Programming procedure:

1. Connect wiring according to scheme (page 3)

2. The programming wire – PROG, press it to GND (the body of car), +12V power display is not yet connected = ignition OFF.

3. Connect the display power +12V (ignition ON) and then disconnect from GND PROG wire.

4. The display flashes 0 (neutral), the programming begins. If the number 0 does not flash, turn the ignition OFF and repeat from point number 2.

5. Shift the gearbox into neutral position and confirm the position by touching the PROG wire to GND (approx 1-2 sec). Position 0 (neutral) will be confirmed and the number will change and flash 1.

6. Shift the gearbox into the 1st gear position and confirm the position by touching the PROG wire to GND (approx 1-2 sec). Position 1 will be confirmed and the number will change and flash 2.

7. Repeat the activity until the last forward gear. It is possible to display up to 9 positions. If the transmission is less than 9-speed, confirm the final stage of remaining unused numeric digits. EG. In a 6 speed gearbox, confirm on the 6th gear position counts 6, 7, 8, 9. Position 9 is also confirmed by a flashing number will change to R (If your transmission has no reverse gear, press the flashing R on the last forward and skip item 8).

8. When flashing R, shift the gearbox into reverse position and confirm the position with the PROG wire to GND. The position of R is also confirmed this and appear again to flashing 0. Programming is completed (or you can also repeat the entire programming from point 5).

9. Turn off the power display (via the ignition) and plug the PROG wire back to the relay (in case of reverse light relay connected. If this device is not in a car, please isolate the cable). When power returns the display stops flashing to indicate the currently engaged gear.

NOTES

If the programming was successful, the display shows the following values:

- 6 speed gearbox: 0 1 2 3 4 5 6 R 0 1 2 …
- 5 speed gearbox: 0 1 2 3 4 5 – R 0 1 2 …

(the five-speed gearbox has neutral instead of sixth gear, the display shows a dash (-)) [*]

In case the display shows dash (-) and it is not a case of *, the gear is not engaged correctly and there is a risk of damage to the gearbox.

WIRING SCHEME

PROG (GROUNDED / ISOLATED, FOLLOW INSTRUCTIONS PAGE 1)

6

+12V IGNITION

5

4

GROUND

3   7

2   8

1   9

DTM 6

DISPLAY

6 1
5 2
4 3

1. +5V REF
2. GEAR
3. GND
4. +12V IGNITION
5. PROG
6. No Connect

AMP SUPERSEAL 1.5
3 PIN
TE CONNECTIVITY

7 8 9

SENSOR

7. GEAR
8. GND
9. +5V REF