

## OBR PADDLE SHIFT KIT

THE COMPLETE PADDLE SHIFT GEAR CHANGE SYSTEM



### The complete paddle shift gear change system...

OBR paddle shift kits offer the ultimate in performance and reliability as proven by race winning results worldwide.

By continuing the collaboration between Shiftec and OBR, cars equipped with OBR paddle shift installations have competed and won in various disciplines from FIA GT3, LMP 2 and the Australian Tarmac Rally championship.



The closed loop shift system ensures faster, smoother gear changes that increase efficiency as well as gearbox lifespan, and valve blocks and valves have been meticulously designed and developed to offer the fastest of actuation speeds.

Both engines and gearboxes are offered a greater level of protection and performance during both upshifts and down shifts. Unique control strategies within EFI ECU's allow complete control of torque reduction and shift activations alongside the elimination of potentially damaging situations like over revving.

The systems can be used in direct conjunction with EFI EURO 4, EURO 8 and EURO 12 ECU's supplied by OBR.

OBR paddle shift kits are available in a number of specifications to suit both mechanical and electronically controlled throttle applications and are made to fit a comprehensive range of transmission systems.

This integrated control of the gearbox and engine means maximum performance whilst reduced wiring complexity and therefore overall weight reduction. OBR really can offer the complete solution.

#### System Overview

- Pneumatic system operating at high pressure.
- High quality carbon fibre shift paddles - offer the driver very positive up and down shift feeling.
- Optional single 2 way shift paddle to suit WRC/rally type applications.
- Supplied with flying leads or MIL-spec connections to suit application.
- High powered MIL-spec compressor
- An OBR paddle shift kit includes:
  - EFI Euro 4, Euro 8, Euro 12 ECU
  - Pair of high quality carbon fibre paddles
  - Accumulator
  - Actuator
  - Air filter
  - Compressor
  - Valve block ( 2 or 3 valves)

