

Assembly manual

MHR – Mechanical Haldex Regulator MHRB - Mechanical Haldex Regulator + Hand-Brake cut



MHR kit

Wires with connector must be connected to electric pump on rear differential (small cylinder under Haldex unit)

Free ends connect to 12V supply
RED + pole (pin 1)
BLACK ground (pin 2)



MHRB kit

Wires (Red-Black) with connector must be connected to electric pump on rear differential (small cylinder under Haldex unit)

Free ends connect to 12V supply
RED + pole
BLACK ground

Black wires with connector fits to opposite connector leading from MHRB, free ends should be connected to ground and +pole throw Hand brake switch – not matter how.

Normally, when handbrake switch is Off - no supply should be there – Haldex is regulated and rear axle work according its setting.

When Hand braking – switch is On and leads supply 12V to MHRB, it opens electro valve and rear axle is without drive.



Install MHR(B) to this position instead of original Haldex ECU.
Use original seal and be careful to right position (bad position of sealing can close hydraulic channels and cause bad function of system).

To adjust locking force of central Haldex clutch turn the knob:

- **clockwise Hard**
- **anticlockwise Soft**

In right end position is transferred to rear axle maximal possible force,
2 turns back regulate this force and more than 2 turns in fact stop drive to rear axle.

Use $\frac{1}{4}$ turn as 1 step = 8 steps for regulation of torque on rear axle.