MULTI POINT PEDAL CURVE SETTING

The position of nine curve setting point is independently adjustable. By changing these point any curve can be defined.

One the right picture there is a customized curve for clutch pedal with optimal bite point setting.

YOU CAN SELECT EXPONENTIAL CURVE SETTING HERE.

THIS ADJUSTER SELECT THE POINT TO EDIT FROM 1-9.

THIS ADJUSTER MOVE THE SELECTED POINT UP AND DOWN FROM 0-100.

Throttle — Calibration
20,41% - 13378 (RAW: 13314)

Set pedal to rest position and hit this button
Press pedal all to way down and hit this button

1,500 — Startpoint Deadzone
1,000 — Endpoint Deadzone

Adjustment
○ Linear
○ Exponential — 0,0
○ One Point — 0,0 / 0,0
● Multi Point — 9 / 87,0

Input — Output

Clutch — Calibration
22,88% - 14992 (RAW: 16234)

Set pedal to rest position and hit this button
Press pedal all to way down and hit this button

1,500 — Startpoint Deadzone
1,000 — Endpoint Deadzone

Adjustment
○ Linear
○ Exponential — 0,0
○ One Point — 0,0 / 0,0
● Multi Point — 1 / 21.0

Input — Output

CLUTCH CURVE LAYOUT

Multi Point curve setting is selected, the input and output signal are coupled by the curve.

BRAKE OUTPUT LIMIT SETTING

The output of the Brake pedal can be limited with this setting. It is very useful when the car on the simulator title what you use start to lock the brake up much earlier then 100% pedal output. By lowering the value of this setting you can compensate this.

This setting does not change pedal curve, it is completely independent setting.
It only limits the peak break force value, the proportion of your input and output stay exactly the same relative to each other.

Break — Calibration
100,00% - 65535 (RAW: 57680)

Set pedal to rest position and hit this button

0,500 — Startpoint Deadzone
85,000 — Maximum Break Force

Adjustment
Break Output Limit — 90,0
● Linear
○ Exponential — 0,0
○ One Point — 0,0 / 0,0
○ Multi Point — 1 / 90,0

Input — Output

BRAKE OUTPUT LIMIT RANGE BETWEEN 0 AND 100.

THE INPUT INDICATOR ARE ON ITS END POSITION.

THE OUTPUT INDICATOR ARE ON ITS LIMITED END POSITION.

The relative shape of the curves are unchanged.

Break — Calibration
22,91% - 15015 (RAW: 13167)

Set pedal to rest position and hit this button

0,500 — Startpoint Deadzone
85,000 — Maximum Break Force

Adjustment
Break Output Limit — 90,0
○ Linear
● Exponential — -3,1
○ One Point — 0,0 / 0,0
○ Multi Point — 1 / 10,0

Input — Output

Break — Calibration
28,02% - 18361 (RAW: 15772)

Set pedal to rest position and hit this button

0,500 — Startpoint Deadzone
85,000 — Maximum Break Force

Adjustment
Break Output Limit — 90,0
○ Linear
○ Exponential — 0,0
● One Point — 5,0 / -19,0
○ Multi Point — 1 / 10,0

Input — Output

Break — Calibration
31,38% - 20564 (RAW: 17842)

Set pedal to rest position and hit this button

0,500 — Startpoint Deadzone
85,000 — Maximum Break Force

Adjustment
Break Output Limit — 90,0
○ Linear
○ Exponential — 0,0
○ One Point — 0,0 / 0,0
● Multi Point — 1 / 16,0

Input — Output

Few simulator softwares has built in brake force limiter, which works similar to our Brake output limit setting. It is recommended to disable them by setting it to 100% (also all pedal manipulation features).
To have full control adjust pedal characteristics in SmartDrive!