

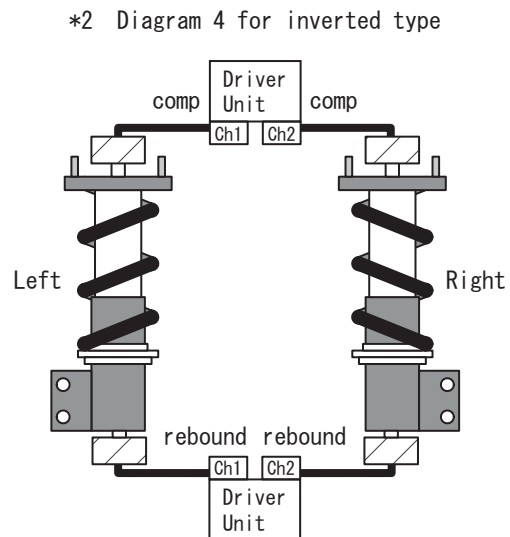
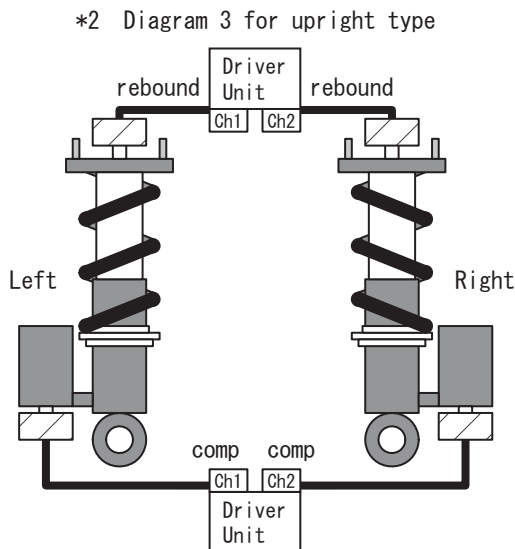
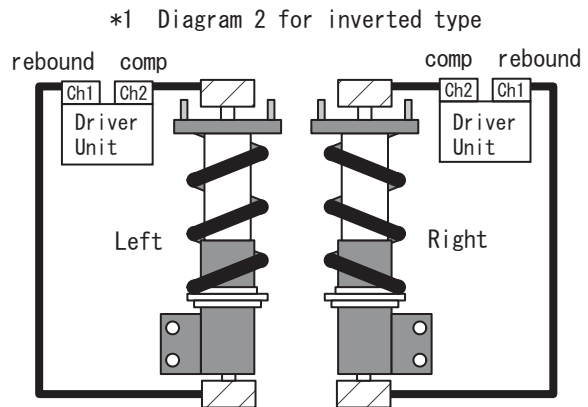
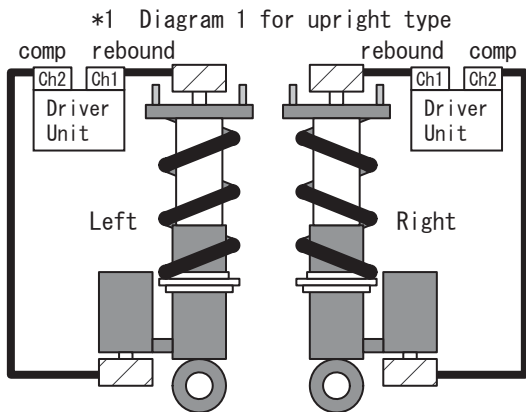
[EDFC ACTIVE PRO] How to Control Individual Comp./Rebound Adjustable Dampers

To control dampers with individual comp./rebound adjustment, select the most suitable combination from the below chart and diagrams and install driver units accordingly. For initial setup procedures, please refer to "Changing Basic Setting" setup on pg. E45.

DR MODE	Type of Comp./Rebound D/F Adjustment		DR1		DR2		DR3		DR4	
	Ft	Rr	ch. 1	ch. 2	ch. 1	ch. 2	ch. 1	ch. 2	ch. 1	ch. 2
1	simultaneous	simultaneous	Ft left	Ft right	Rr left	Rr right	—	—	—	—
2	simultaneous	NOT adjustable	Ft left	Ft right	—	—	—	—	—	—
3	NOT adjustable	simultaneous	Rr left	Rr right	—	—	—	—	—	—
4	separate *1	separate *1	Ft left rebound	Ft left comp	Ft right rebound	Ft right comp	Rr left rebound	Rr left comp	Rr right rebound	Rr right comp
5	separate *1	separate *2	Ft left rebound	Ft left comp	Ft right rebound	Ft right comp	Rr left rebound	Rr right rebound	Rr left comp	Rr right comp
6	separate *2	separate *1	Ft left rebound	Ft right rebound	Ft left comp	Ft right comp	Rr left rebound	Rr left comp	Rr right rebound	Rr right comp
7	separate *2	separate *2	Ft left rebound	Ft right rebound	Ft left comp	Ft right comp	Rr left rebound	Rr right rebound	Rr left comp	Rr right comp
8	separate *1	simultaneous	Ft left rebound	Ft left comp	Ft right rebound	Ft right comp	Rr left	Rr right	—	—
9	separate *2	simultaneous	Ft left rebound	Ft right rebound	Ft left comp	Ft right comp	Rr left	Rr right	—	—
10	separate *1	NOT adjustable	Ft left rebound	Ft left comp	Ft right rebound	Ft right comp	—	—	—	—
11	separate *2	NOT adjustable	Ft left rebound	Ft right rebound	Ft left comp	Ft right comp	—	—	—	—
12	simultaneous	separate *1	Ft left	Ft right	Rr left rebound	Rr left comp	Rr right rebound	Rr right comp	—	—
13	simultaneous	separate *2	Ft left	Ft right	Rr left rebound	Rr right rebound	Rr left comp	Rr right comp	—	—
14	NOT adjustable	separate *1	Rr left rebound	Rr left comp	Rr right rebound	Rr right comp	—	—	—	—
15	NOT adjustable	separate *2	Rr left rebound	Rr right rebound	Rr left comp	Rr right comp	—	—	—	—
16	NOT adjustable	NOT adjustable	—	—	—	—	—	—	—	—

*1 For controlling 1 individual comp./rebound adjustable damper with 1 driver unit; Ch1 on rebound side and Ch2 on comp. (Refer to Diagram 1 for upright type and Diagram 2 for inverted type.)

*2 For controlling 2 individual comp./rebound adjustable dampers with 2 driver units; 1 unit to control rebound side of both dampers and another unit to control comp. (Refer to Diagram 3 for upright type and Diagram 4 for inverted type.) Connect left side motor to Ch1 and right to Ch2.

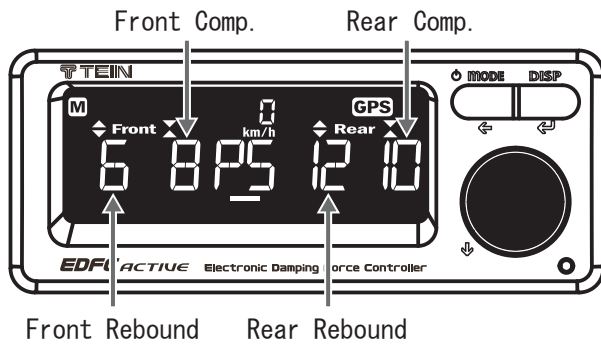


How to Control Individual Comp./Rebound Adjustable Dampers

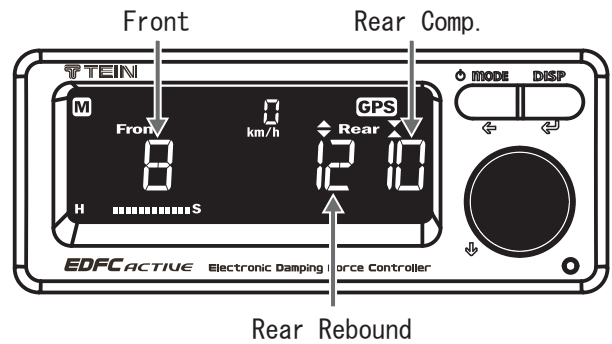
The followings are the example displays, when 3 or 4 driver units are connected. For initial setup procedures, please refer to "Changing Basic Setting" setup on pg. E45.

• Explanation of Display

Using 4 Driver Units (Front/Rear Separate)

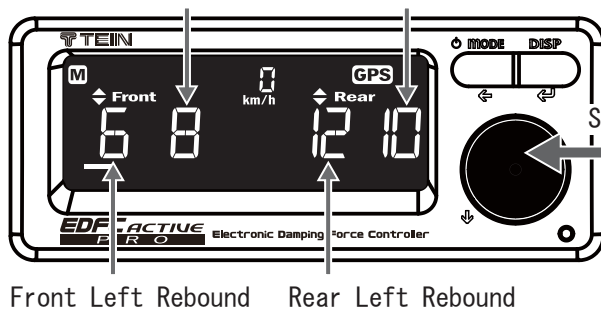


Using 1 Driver Unit on front & 2 on Rear

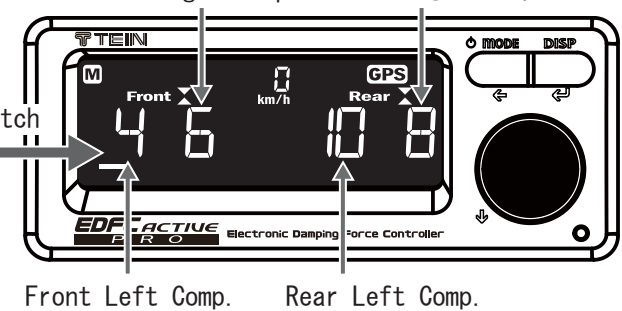


Using 4 Driver Units (Four-Wheel Independent)

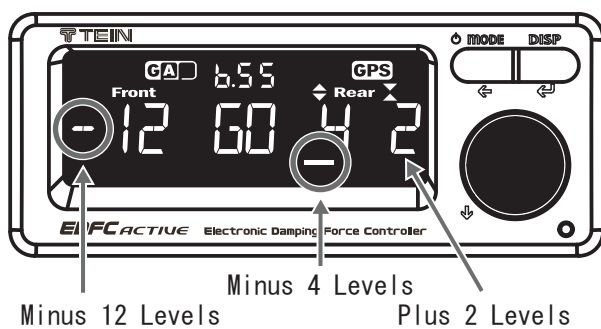
Front Right Rebound Rear Right Rebound



Front Right Comp. Rear Right Comp.



Negative Value Display



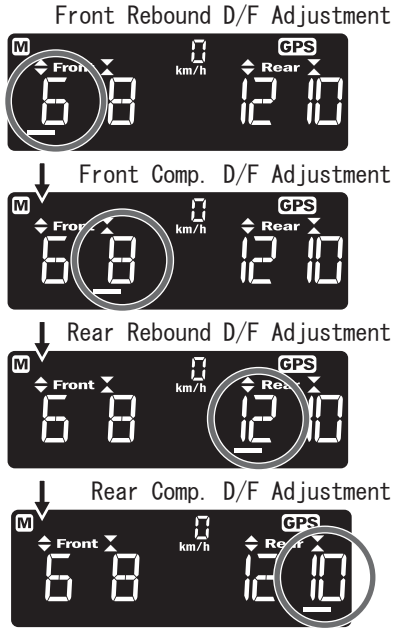
- Number of display items correspond with number of driver units connected.
- If 2 driver units are connected to one side, damping force bar graph would not be shown for that side even when G-force bar graph is turned off. (Refer to pg. E40 for changing G-force bar graph display.)
- If 2 driver units are connected to one side, minus sign will be shown below the numbers.

How to Control Individual Comp./Rebound Adjustable Dampers

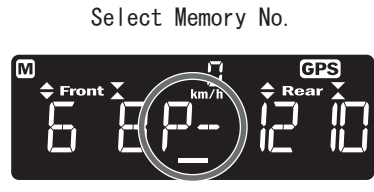
• How to Change Damping Force (Front/Rear Separate)

Basic Operations

[Dial] Short press to switch between menus



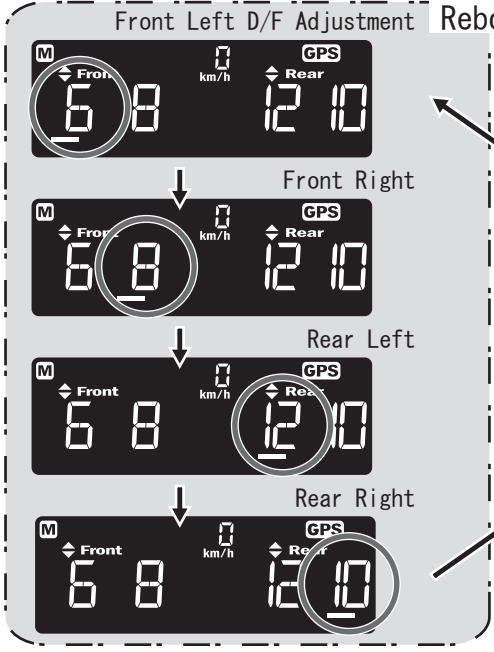
When [Dial] is short-pressed, the menu will change in the following order; front rebound → front comp. → rear rebound → rear comp. → memory no. This works the same way for manual damping force adjustment (pg. E27), modifying G-force change-points (pg. E33) and modifying speed change-points (pg. E36).



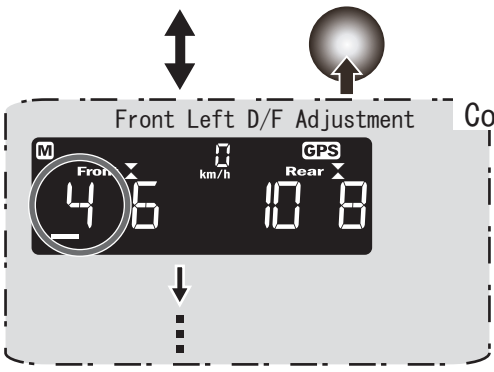
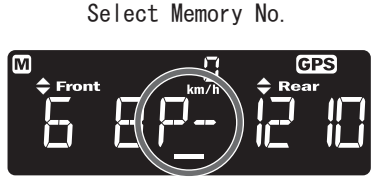
• How to Change Damping Force (Four-Wheel Independent)

Basic Operations

[Dial] Short press to switch between menus



When [Dial] is short-pressed, the menu will change in the following order; front rebound → front comp. → rear rebound → rear comp. → memory no.


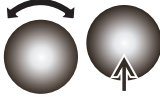

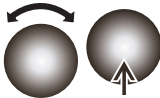

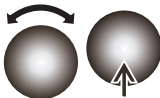

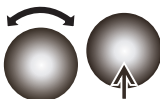

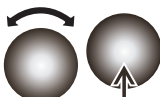

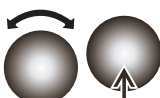



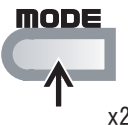


Long press [Dial] to switch between Comp. and Rebound adjustments.

How to Control Individual Comp./Rebound Adjustable Dampers

• How to Modify Change-Points for Longitudinal G-Actuated Adjustment

Basic operations are just the same as explained on pg. E33. Setup steps have to be repeated for the numbers of driver units connected. (Procedures 6 thru 9 shown in the below chart.) Refer to pg. E33 for first procedures 1 thru 3.

No.	Setting	Display	Operation	Instruction	Available Options
4	Select Item to Modify			[Dial] Turn + Short press	G0 ... G9
5	Set G-Force Change-Point			[Dial] Turn + Short press	b2.0 ~ a2.0
6	Front Rebound D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
7	Front Comp. D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
8	Rear Rebound D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
9	Rear Comp. D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
10				[Dial] Long press	
11				Repeat the above procedures 4-10	
12	Return to Initial Display			[MODE] Short press x 2 times	

How to Control Individual Comp./Rebound Adjustable Dampers

• How to Modify Change-Points for Lateral G-Actuated Adjustment Mode

Basic operations are just the same as explained on pg. E34. Setup steps have to be repeated for the numbers of driver units connected. (Procedures 6 thru 9 shown in the below chart.) Refer to pg. E34 for first procedures 1 thru 3.

No.	Setting	Display	Operation	Instruction	Available Options
4	Select Item to Modify			[Dial] Turn + Short press	F1~F5 R1~R5
5	Set Speed Change-Point			[Dial] Turn + Short press	0.1 ~ 2.0
6	Rebound Inside D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
7	Rebound Outside D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
8	Comp. Inside D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
9	Comp. Outside D/F Level			[Dial] Turn + Short press	+64/32/16 ~ -64/32/16
10				[Dial] Long press	
11				Repeat the above procedures 4-10	
12	Return to Initial Display			[MODE] Short press x 2 times	

How to Control Individual Comp./Rebound Adjustable Dampers

• How to Modify Speed Change-Points

Basic operations are just the same as explained on pg. E36. Setup steps have to be repeated for the numbers of driver units connected. (Procedures 6 thru 9 shown in the below chart.) Refer to pg. E36 for first procedures 1 thru 3.

No.	Setting	Display	Operation	Instruction	Available Options
4	Select Item to Modify			[Dial] Turn + Short press	S0~S9
5	Set Speed Change-Point			[Dial] Turn + Short press	0~300
6	Front Rebound D/F Level			[Dial] Turn + Short press	0~16 0~32 0~64
7	Front Comp. D/F Level			[Dial] Turn + Short press	0~16 0~32 0~64
8	Rear Rebound D/F Level			[Dial] Turn + Short press	0~16 0~32 0~64
9	Rear Comp. D/F Level			[Dial] Turn + Short press	0~16 0~32 0~64
10				[Dial] Long press	
11				Repeat the above procedures 4-10	
12	Return to Initial Display			[MODE] Short press x 2 times	