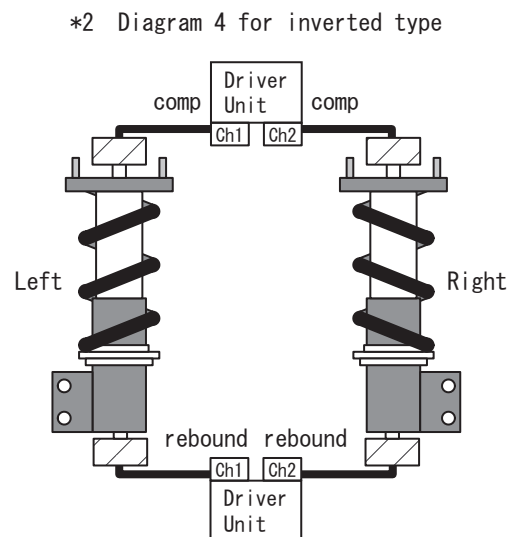
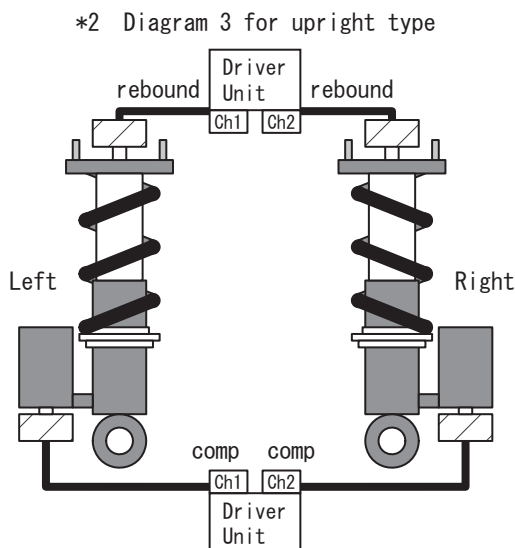
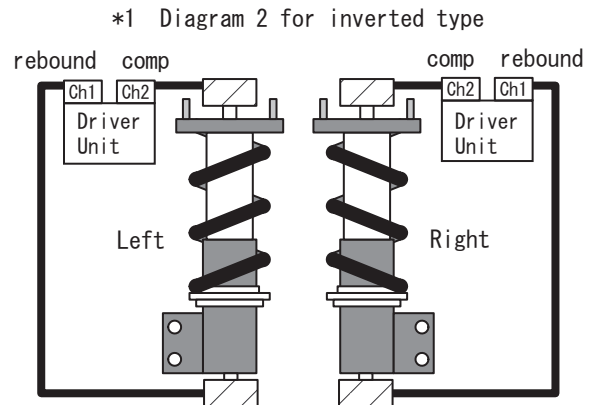
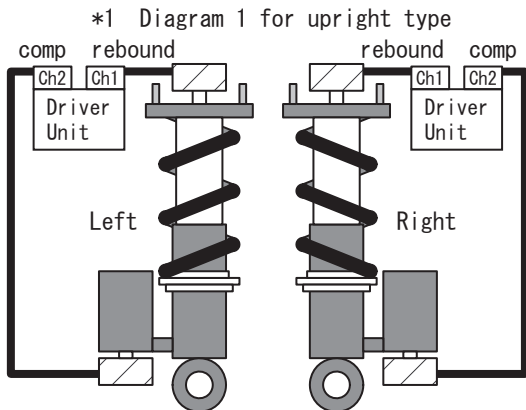


[EDFC5] How to Control Individual Comp./Rebound Adjustable Dampers

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. E53.

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.

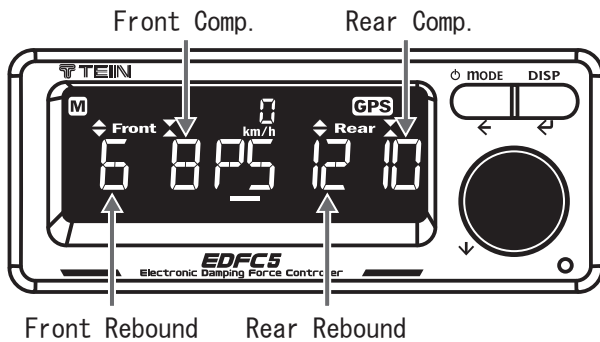


Actual product may differ from the image shown.

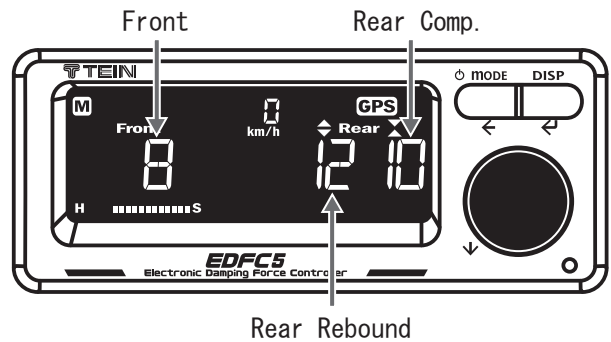
How to Control Individual Comp./Rebound Adjustable Dampers

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. E53.

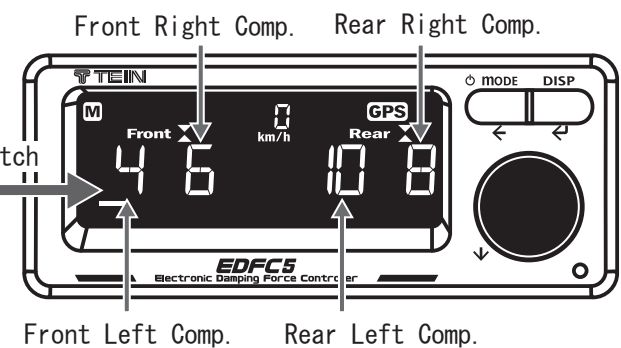
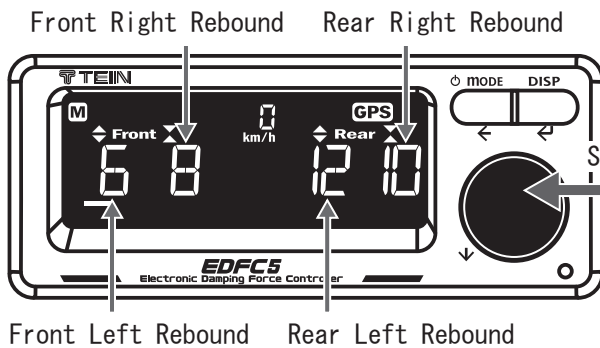
Using 4 Driver Units (Front/Rear Separate)



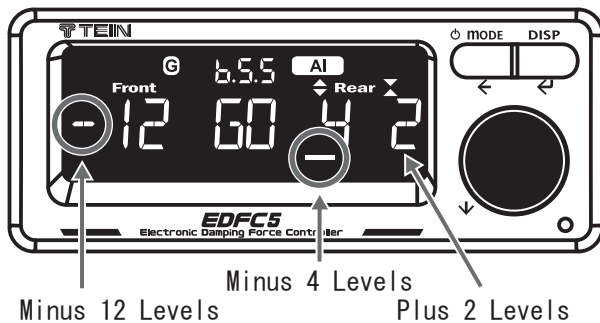
Using 1 Driver Unit on front & 2 on Rear



Using 4 Driver Units (Four-Wheel Independent)



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/Jerk bar graph is turned off. (Refer to pg. E47 for changing G-force/Jerk 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

Front Rebound D/F Adjustment



Front Comp. D/F Adjustment



Rear Rebound D/F Adjustment

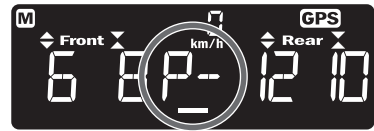


Rear Comp. D/F Adjustment



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. E30), modifying speed change points (pg. E35), modifying G-force change points (pg. E38, E39) and modifying Jerk change points (pg. E42, E43).

Select Memory No.



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

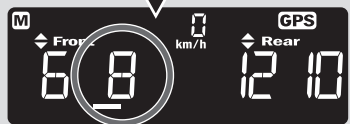
Basic Operations

[Dial] Short or long press to switch between menus

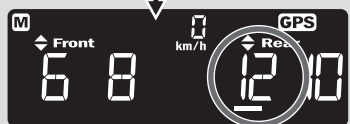
Front Left D/F Adjustment



Front Right



Rear Left

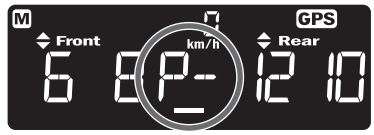


Rear Right



When [Dial] is short-pressed, the menu will change in the following order: front left → front right → rear left → rear right → memory no.

Select Memory No.



Rebound


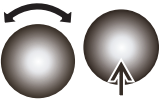

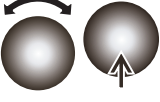

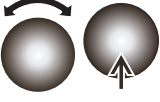

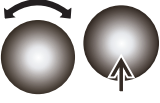

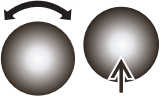

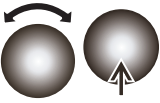




Comp.

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

How to Control Individual Comp./Rebound Adjustable Dampers

• How to Modify Speed Change-Points


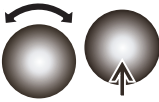

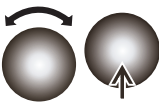

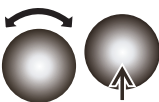

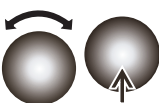

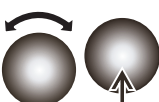






Basic operations are just the same as explained on pg. E35. Setup steps have to be repeated for the numbers of driver units connected. (Procedures 6 thru 9 shown in the below chart.) Refer to pg. E35 for first procedures 1 thru 3.

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	+96/64/32/16 ~ -96/64/32/16
7	Front Comp. D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
8	Rear Rebound D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
9	Rear Comp. D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
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 Longitudinal G-Actuated Adjustment


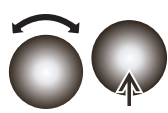





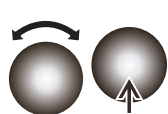

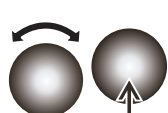

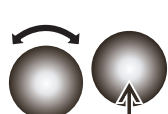



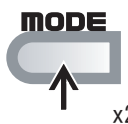
Basic operations are just the same as explained on pg. E38. Setup steps have to be repeated for the numbers of driver units connected. (Procedures 6 thru 9 shown in the below chart.) Refer to pg. E38 for first procedures 1 thru 3.

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	+96/64/32/16 ~ -96/64/32/16
7	Front Comp. D/F Level 		[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
8	Rear Rebound D/F Level 		[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
9	Rear Comp. D/F Level 		[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
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


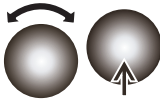
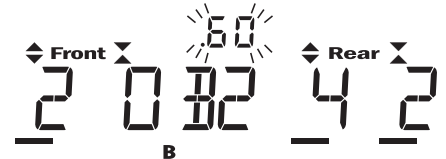
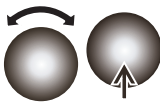

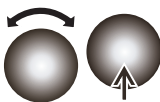

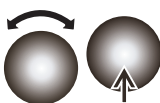

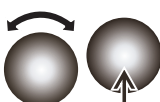






Basic operations are just the same as explained on pg. E39. Setup steps have to be repeated for the numbers of driver units connected. (Procedures 6 thru 9 shown in the below chart.) Refer to pg. E39 for first procedures 1 thru 3.

Setting	Display	Operation	Instruction	Available Options
4			[Dial] Turn + Short press	F1~F5 R1~R5
5			[Dial] Turn + Short press	0.1 ~ 2.0
6			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
7			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
8			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
9			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
10			[Dial] Long press	
11			Repeat the above procedures 4-10	
12	Return to Initial Display	 x2	[MODE] Short press x 2 times	

How to Control Individual Comp./Rebound Adjustable Dampers

• How to Modify Change-Points for Longitudinal Jerk-Reactive Adjustment

Basic operations are just the same as explained on pg. E42. 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. E42 for first procedures 1 thru 3.

No.	Setting	Display	Operation	Instruction	Available Options
4	Select Item to Modify			[Dial] Turn + Short press	B5 ~ B1 A1 ~ A5
5	Set Jerk Change-Point			[Dial] Turn + Short press	b2. 0~b-2. 0 a2. 0~a-2. 0
6	Front Rebound D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
7	Front Comp. D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
8	Rear Rebound D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
9	Rear Comp. D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
10				[Dial] Long press	
11				Repeat the above procedures 4-10	
12	Return to Initial Display		 x2	[MODE] Short press x 2 times	

How to Control Individual Comp./Rebound Adjustable Dampers

• How to Modify Change-Points for Lateral Jerk-Reactive Adjustment Mode

Basic operations are just the same as explained on pg. E43. 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. E43 for first procedures 1 thru 3.

Setting	Display	Operation	Instruction	Available Options
4 Select Item to Modify			[Dial] Turn + Short press	F1~F5 (Front) R1~R5 (Rrar)
5 Set Jerk Change-Point			[Dial] Turn + Short press	2.0 ~ -2.0
6 Rebound Inside D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
7 Rebound Outside D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
8 Comp. Inside D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
9 Comp. Outside D/F Level			[Dial] Turn + Short press	+96/64/32/16 ~ -96/64/32/16
10			[Dial] Long press	
11			Repeat the above procedures 4-10	
12 Return to Initial Display			[MODE] Short press x 2 times	