

FITTING AND ADJUSTMENT INSTRUCTIONS FOR IKON STEREO DAMPERS TYPE 7610

FITTING

- A. When the coil spring of the original shock absorber — or an IKON coil spring — has to be fitted, the following should be taken into account:
1. Place the bottom spring retainer in the lowest position.
 2. Fully extend the shock absorber with the piston rod uppermost.
 3. To facilitate the fitting of the upper open spring retainer (e) the bump rubber (d) should be placed approximately 1cm under the upper eye.
 4. Fit the spring (in the case of a progressively wound spring, the coils that are closest together should be placed at the bottom).
 5. Compress the spring and position the upper open spring retainer (e).
- B. Align the top eye of the damper with the lower attachment.
- C. Fit the shock absorber with the piston rod uppermost, and with the adjustment window (a) directed so that the adjustment disc (c) is most easily accessible — in most cases this will be towards the outside of the motorcycle (lift the rubber cover (b) to expose the adjustment window and disc).
- D. If the bolt for the eye attachment on the bike has a smaller diameter than the hole in the eye of the shock absorber, then fit using the appropriate bushings (supplied).
- E. After fitting the shock absorber, check that no part of the shock absorber or its mountings hits against anything that it shouldn't, especially any fitted luggage carriers, gear cases, etc. Fit spacers if necessary.
- F. Tighten the nut or bolt as follows:

TABLE OF TIGHTENING TORQUES IN Nm and ft.lbs

	Nut		Self-locking nut		Bolt	
	Nm	ft.lbs	Nm	ft.lbs	Nm	ft.lbs
M8	18±3	13±2	25±3	18±2	20±3	15±2
M10	30±5	22±4	50±5	37±4	40±5	30±4
M12	50±9	37±7	80±9	59±7	65±9	48±7

ADJUSTMENT

The damping force is adjustable by means of the adjustment disc in the upper eye. As circumstances and/or load may require, you may choose from the following 4 positions (clicks numbered 1-2-3-4):

- position 1 for very smooth damping under modest loading.
- position 2 for solo and pillion passenger use on average to good roads.
- position 3 for sporting solo riding or for use with pillion passenger and luggage.
- position 4 heavier adjustment than strictly necessary for use with pillion passenger and luggage.

ATTENTION

The left and right handed damper should always be adjusted to the same position, thus showing the same number on the adjustment disc. The adjustment disc must be snapped exactly into its adjustment position, and not left between positions. The MIN. position 1 and MAX. position 4 have a perceptible stop.

In addition to the above mentioned adjustment of the damping force, the preload of the spring can also be changed by means of the lower spring retainer. With the hook spanner supplied there are 3 adjustment positions possible:

- lower position for solo use.
- centre position for pillion passenger use.
- top position for heavy pillion passenger use.

The spring retainers of both dampers should be always adjusted to the same position.

