

4.11 REAR FORK CUSHION DAMPER

A. Construction

The rear fork cushion damper is a coil type with a double cylinder oil type damper. The shock is received by the damper and the reaction is dissipated by the oil damper. The oil damper contains 30 cc. of SAE #30 straight mineral (paraffin) oil.

The specified amount is important, since the shock damping effect is either increased or diminished in proportion to the amount of fluid. (Fig. 4.76)

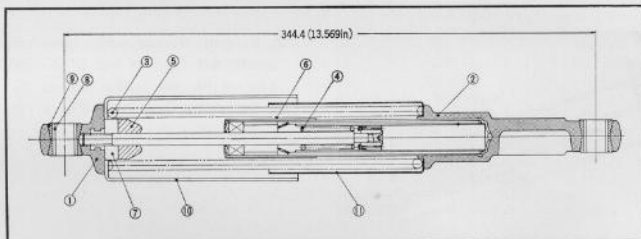


Fig. 4.76 A Sectional view of rear cushion (5 90, CL 90, CL 90 L)

- | | |
|---------------------------------------|-----------------------------------|
| ① Rear cushion upper metal | ⑦ Rear cushion lock nut |
| ② Rear cushion bottom metal | ⑧ Rear cushion rubber bush collar |
| ③ Rear cushion spring | ⑨ Rear cushion rubber bush |
| ④ Rear cushion rebound stopper spring | ⑩ Rear cushion upper case |
| ⑤ Rear cushion stopper rubber | ⑪ Rear cushion under case |
| ⑥ Rear cushion spring guide | |

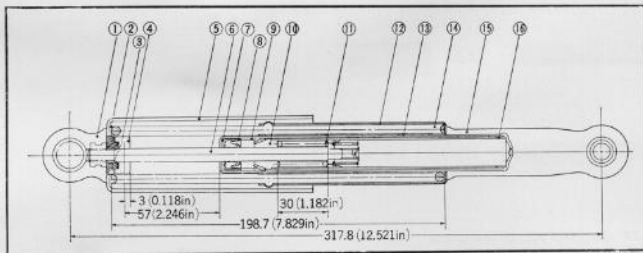


Fig. 4.76 B Rear cushion (C 90, CT 90)

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|-------------------------------|---------------------------------------|
| ① Rear cushion upper metal | ⑩ Rear cushion collar |
| ② 24 mm washer | ⑪ Rear damper rod guide |
| ③ Rear cushion upper lock nut | ⑫ Rear cushion rebound stopper spring |
| ④ Rear cushion stopper rubber | ⑬ Rear cushion bottom case |
| ⑤ Rear cushion upper case | ⑭ Rear cushion spring guide |
| ⑥ Rear damper rod complete | ⑮ Rear cushion spring |
| ⑦ Rear cushion end plate | ⑯ Rear cushion bottom metal complete |
| ⑧ Rear cushion oil seal | ⑰ Rear cushion inner pipe |