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(51) International classification	:B60G 17/00	(71)Name of Applicant : <b>1)GABRIEL INDIA LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :29TH, MILESTONE, PUNE NASIK
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(33) Name of priority country	:NA	410 501 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DIVAKAR BHAT</b>
(87) International Publication No	:N/A	<b>2)MALLIKARJUN MARANOOR</b>
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(57) Abstract :

The present invention provides a preload adjustment mechanism for front fork of a vehicle. The mechanism includes an adjuster means having a cam profile a plunger rod being mounted within the adjuster means and a bolt cap for holding the plunger rod against linear and rotational pressure. Upon giving rotational motion to the plunger rod, a protrusion of the plunger rod slides over the cam profile thereby achieving a predefined preload level.

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