

TAP102

DECEMBER 18

Inadequate Grease

Ball Joints will wear over time. There are however certain actions that can lead to the premature wear or failure of component. These actions are as a result of incorrect installation, misuse or maintenance. A steering and suspension item is not a 'fit and forget' component. When it comes to greasable components, it is imperative that they are greased upon installation and at regular service intervals. When a greasable ball joint is not greased adequately, the hardened polished ball stud runs with too much friction against the ball joint seat, resulting in premature wear. If left un-remedied, the resultant movement, will lead to a 'knocking noise' and can result in the ball stud separating from the housing. This is readily identifiable by the dry housing, and wear marks on the ball stud ball. When you see this kind of failure it has been brought about by the inadequate servicing of the component, and is not a manufacturing fault.



Dry internals showing evidence of ball stud wear (contaminants and old dry grease).



Wear marks on ball stud ball consistent with running without adequate lubrication.

Manufacturers Names used for reference purposes only.