

2 GENIUS 2013 TOOLSET

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The good news for workshops on Genius is that the tool kit as well as the hardware kit is the same as on Spark MY 12.

Therefore you can use all items you already have on the shelves from Spark service.

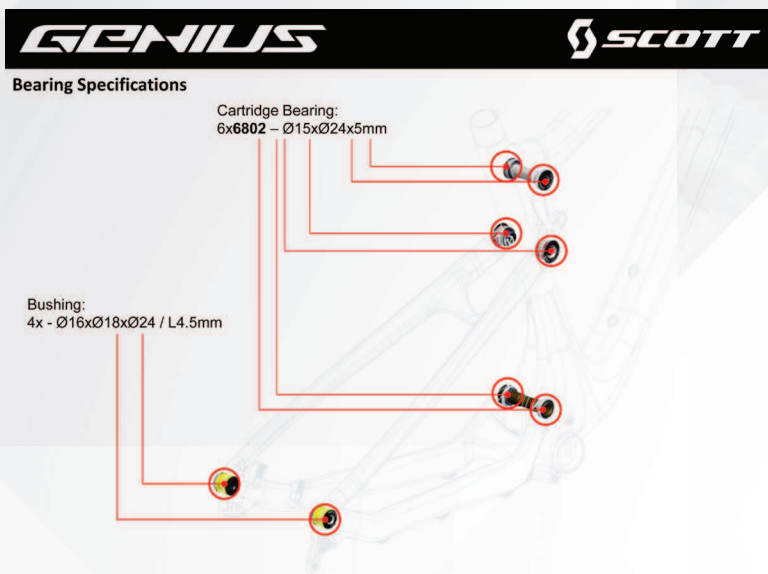
To repair or replace the bearings of the pivot points of Genius we offer following articles:

223289-222	Tool set Spark 2012
223301-223	Swingarm Repair Kit Spark 2012
223302-222	Igus Bushing Set Spark 2012 CST/SST
223303-222	Ind. Bearing Set Spark 2012 CST/SST

The tool set will contain, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.









The Swingarm Rep Set will contain beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Spark or Genius bike.

Pls have a look at following pics giving you an overview about all needed steps and please make sure to use Loctite BLUE (still removable) on all screws:



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Required Tools		
Nylon Hammer 		
13mm Spanner 	22mm Spanner 	
Torque Wrench 		8mm Allen Key Socket 
6mm Allen Key 	8mm Allen Key 	Loctite - Blue/ Medium 



Dropout Pivot Disassemble



Torque Wrench 	8mm Allen Key Socket 	6mm Allen Key 
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Linkage Pivot Disassemble

Torque Wrench 	8mm Allen Key Socket 
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Linkage Pivot Disassemble

Torque Wrench	8mm Allen Key Socket	8mm Allen Key
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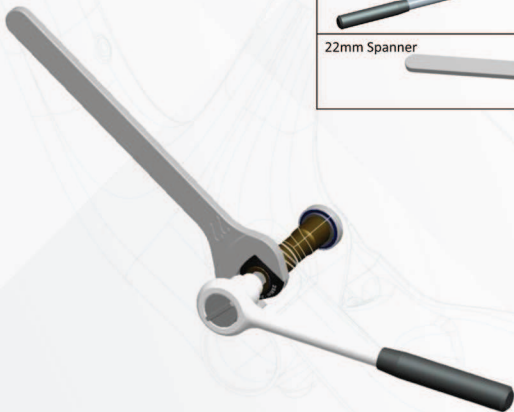
Linkage Pivot Disassemble

Axle Punch	Nylon Hammer
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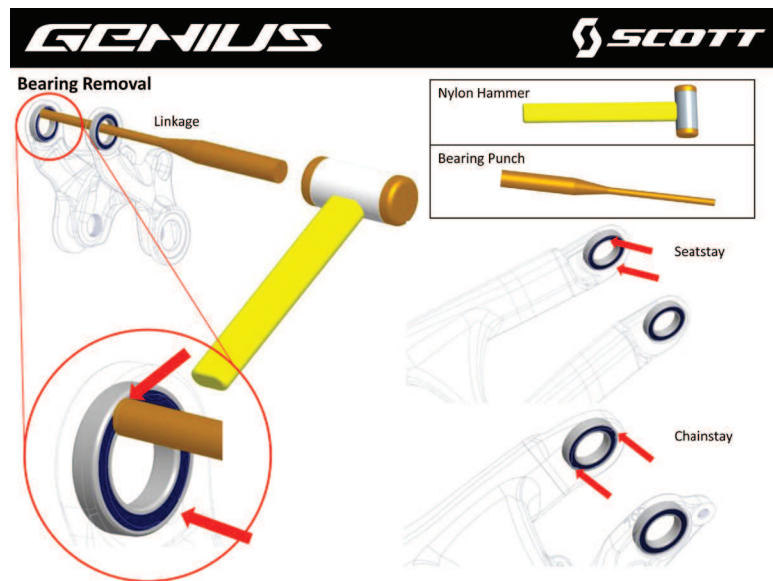


Main Pivot Disassemble

Torque Wrench	8mm Allen Key Socket
22mm Spanner	



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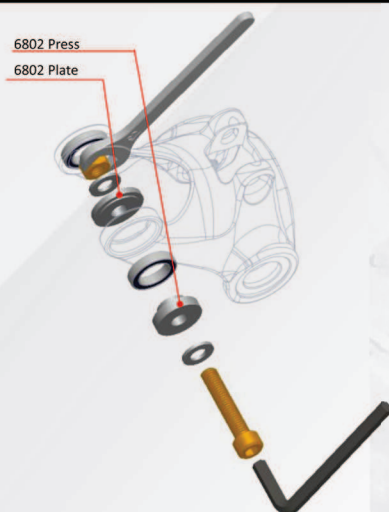
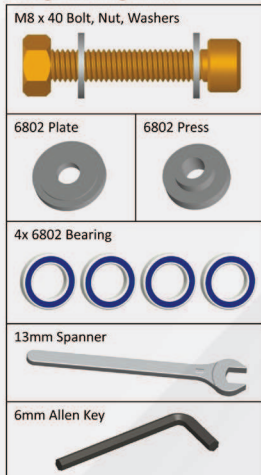


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GENIUS

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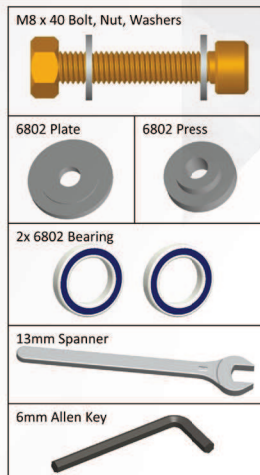
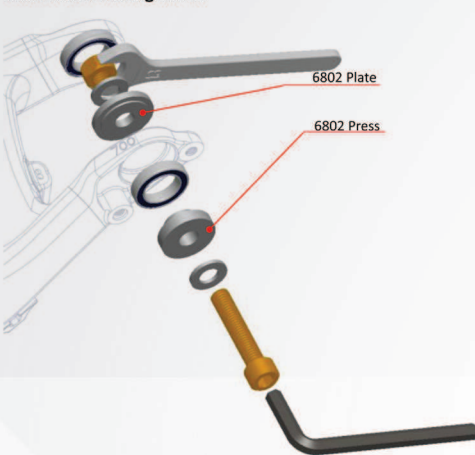
Linkage Bearing Install



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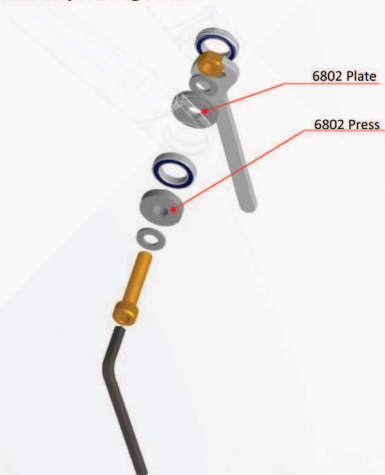
Main Pivot Bearing Install



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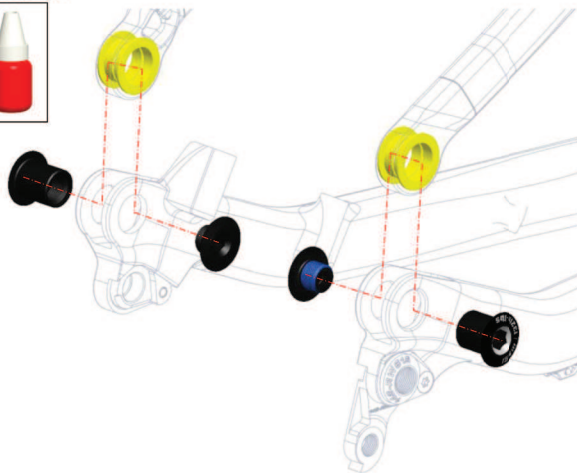
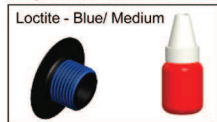
Seat Stay Bearing Install



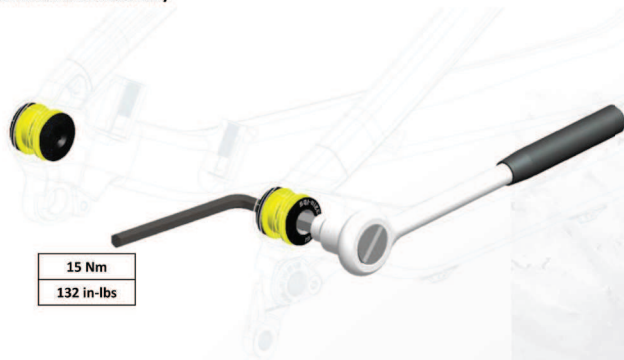
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Dropout Hardware Assembly



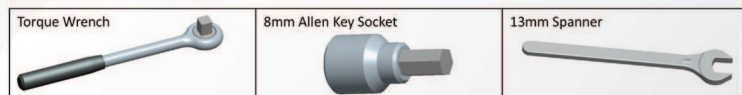
Dropout Hardware Assembly



15 Nm
132 in-lbs



Linkage Axle Pre-Assembly



10 Nm
89 in-lbs

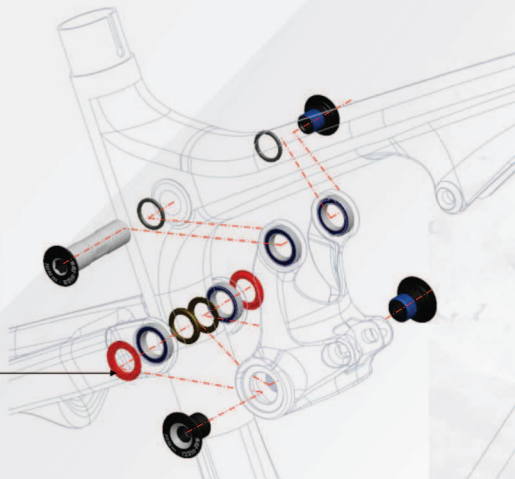
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Linkage Hardware Assembly

Loctite - Blue/ Medium



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Linkage Hardware Assembly

Torque Wrench



8mm Allen Key Socket



8mm Allen Key



Loctite - Blue/ Medium



15 Nm
132 in-lbs

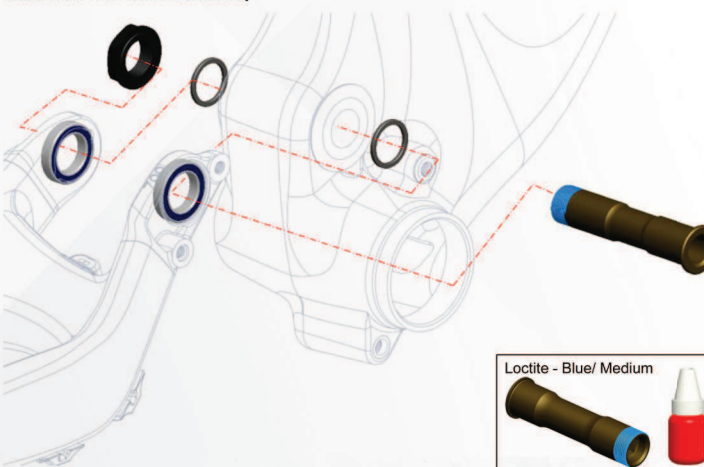


10 Nm
89 in-lbs

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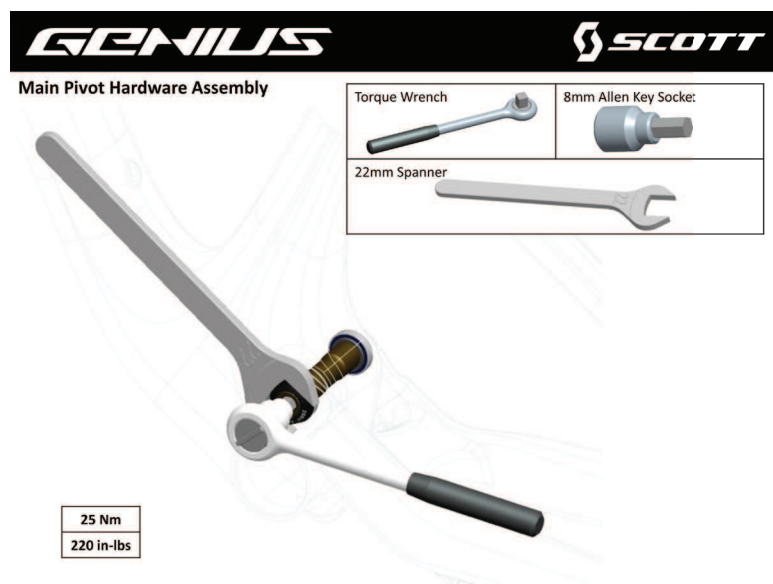
Main Pivot Hardware Assembly



Loctite - Blue/ Medium



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The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

One frame needs following bearings:

6 x 6802 (24mmx15mmx5mm)

Beside this set Scott will also offer an “endurance kit” to replace the IGUS bushings in the seatstays with an industrial bearing kit.

This kit can be ordered at Scott:

223303-222	Ind. Bearing Set Spark 2012 CST/SST
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In case you want to buy the IGUS bushing kit separately you can order it with

223302-222	Igus Bushing Set Spark 2012 CST/SST
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