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|  | **ASSEMBLING GUIDE**  ***(152 K203 01)*** |  |

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| The box is contained the kit of crankshaft pulley of called item number **152 K203 01.**  Content : One (1) pc crankshaftpulley called **152 K203 01.**  Pls control of correctness for item reference, provided that item reference content is not being corrected, directly contact with **Kentpar Otomotiv Co.**  *OE.REF. NUMBERS ARE FOR PURPOSE OF INFORMATION*   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **BRAND** | **MODEL** | **YEAR** | **ENGINE VOLUME** | **KW** | **PS** | **OE. REF.** | | MINI | CABRİO F57 | 2015/11-2016/08 | Cooper S B46 , Cooper S B48 , Cooper SD, JCW |  |  | 11238602800 | | MINI | CLUBMAN F54 | 2015/07-2016/08 | Cooper D ,Cooper S B46 , Cooper S B48 , Cooper SD, Cooper SD ALL4 , JCW ALL 4 |  |  | | MINI | F55 | 2014/07-2016/08 | Cooper S B46 , Cooper S B48 , Cooper SD |  |  | | MINI | F56 | 2013/12-2016/08 | Cooper S B46 , Cooper S B48 , Cooper SD, |  |  |   *Those knowledge are not same the information of manufacturer company’s handbook.To be disassembled of original parts,it can be necessary special produced disassembling gauges.*   * For easy disassembling procedure,engine should be totally cold. * Open engine cover to be reached easily to engine section. * It should be unfasten the wheel screws which are next to the crankshaftpulley and then be chocked the wheel. * Remove the plastic shelter front of the crankshaftpulley by denesting the Wheel   (For vertical engines,it will be enough lifted the vehicle )   * Unfasten the tensioner pulley by using gauge of disassembling tensioner pulley and remove the belt from its place.  1. Manual Gear : By seperated disk clutch through accessory ,the gear of vehicle is throwed into 5th gear. Denested the bolt of crankshaftpulley from its place by pressing brake pedal. 2. Automatic Gear: Follow up the user guide of vehicle manufacturer company .  * After disassembling of out of order crankshaftpulley,connection points should be cleaned from the foregin matters such as corrosion and rust and so on.  |  | | --- | | ATTENTION: For an easy assembling,head of crankshaft should be cooled by cooler sprey. |  * Due to become of diminitive tolerances of crankshaftpulley inner dimension and crankshaft outer dimensions, placed it with sensitively and carefully.  |  | | --- | | ATTENTION : Unordered placed,enforced or forced back assembled crankshaftpulleys are being constitued the risk of damaged ,belt removing and early break down at the moment first starting. | | * When the crankshaft head still cold,crankshaftpulley should be placed smooth and sensitively and follow up below squencing torque specifications \* * Hold on reaching the crankshaft to normal cold condition and follow up squencing torque specifications \*   Through original tensioner pulley ,the rest of disassembling parts are being assembled on the contrary of disasembling row by tighten of belt again     |  |  | | --- | --- | | **MINI** CABRİO F57, CLUBMAN F54, F55, F56 | | | **\*Engine Volume**  Cooper S B46 , Cooper S B48 , Cooper SD, JCW, Cooper D , Cooper S B48 , Cooper SD ALL4 , JCW ALL 4, Cooper SD, | **\*Torque Specifications :**   1. Change belt,idler pulley and tensioner pulley kit sets. 2. Screws, washers or nuts should be changed with original ones. 3. Squeeze the screw with torque meter key until   40Nm+60°+60°   1. Be sure that the belt should be same level on all pulleys | |