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|  | **ASSEMBLING GUIDE**  ***(152 K210 01)*** |  |

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| The box is contained the kit of crankshaft pulley of called item number **152 K210 01.**  Content : One (1) pc crankshaftpulley called **152 K210 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.** | | MERCEDES | SPRINTER 2-t Platform/Chassis (901 , 902) | 1995/01-2006/05 | 216 CDI |  |  | |  | | --- | | 6110300303 | | 6110301703 | | A6110300303 | | A6110301703 | | | MERCEDES | E- CLASS (W210) | 1995/06-2003/08 | E 200 CDI ,E 220 CDI ,E 270 CDI |  |  | | MERCEDES | E- CLASS Estate (S210) | 1996/06-2003/03 | E 220 T CDI , E 270 T CDI |  |  | | MERCEDES | SPRINTER 2-t Box (901 , 902) | 1995/01-2006/05 | 216 CDI |  |  | | MERCEDES | SPRINTER 2-t Bus (901 , 902) | 1995/01-2006/05 | 216 CDI |  |  | | MERCEDES | SPRINTER 3-t Bus (903) | 1995/01-2006/05 | 316 CDI , 316 CDI 4X4 |  |  | | MERCEDES | M-CLASS (W163) | 1998/02-2005/06 | ML 270 CDI |  |  | | MERCEDES | SPRINTER 3-t Platform/Chassis (903) | 1995/01-2006/05 | 316 CDI , 316 CDI 4X4 |  |  | | MERCEDES | SPRINTER 3-t Box (903) | 1995/01-2006/05 | 316 CDI , 316 CDI 4X4 |  |  | | MERCEDES | C CLASS ( W203 ) | 2000/05-2007/08 | C 200 CDI , C220 CDI , C270 CDI |  |  | | MERCEDES | SPRINTER 4-t Bus (904) | 1996/02-2006/05 | 416 CDI |  |  | | MERCEDES | SPRINTER 4-t Box (904) | 1996/02-2006/05 | 416 CDI , 416 CDI 4X4 |  |  | | MERCEDES | SPRINTER 4-t Platform/Chassis (904) | 1996/02-2006/05 | 416 CDI , 416 CDI 4X4 |  |  | | MERCEDES | C-CLASS Coupe (CL203) | 2001/03-2011/06 | C 200 CDI , C220 CDI |  |  | | MERCEDES | C-CLASS T-Model (S203) | 2001/03-2007/08 | C 200 CDI , C220 CDI , C270 CDI |  |  | | MERCEDES | E-CLASS (W211) | 2002/03-2009/03 | E 200 CDI ,E 220 CDI ,E 270 CDI |  |  | | MERCEDES | CLK (C209) | 2002/06-2009/05 | 220 CDI , 270 CDI |  |  | | MERCEDES | E-CLASS T-MODEL (S211) | 2003/03-2009/07 | E 220 T CDI , E 270 T CDI |  |  | | MERCEDES | SPRINTER Dumptruck (905) | 2001/04- | 616 CDI |  |  | | MERCEDES | SPRINTER 5-t Platform/Chassis (905) | 2001/04-2006/05 | 616 CDI |  |  |   *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     |  |  | | --- | --- | | **MERCEDES** SPRINTER 2-t Platform/Chassis (901 , 902), E- CLASS (W210), E- CLASS Estate (S210), SPRINTER 2-t Box (901 , 902), SPRINTER 2-t Bus (901 , 902), SPRINTER 3-t Bus (903), M-CLASS (W163), SPRINTER 3-t Platform/Chassis (903), SPRINTER 3-t Box (903), C CLASS ( W203 ), SPRINTER 4-t Bus (904), SPRINTER 4-t Box (904), SPRINTER 4-t Platform/Chassis (904), C-CLASS Coupe (CL203), C-CLASS T-Model (S203), E-CLASS (W211), CLK (C209), E-CLASS T-MODEL (S211), SPRINTER Dumptruck (905), SPRINTER 5-t Platform/Chassis (905) | | | **\*Engine Volume** 216 CDI, E 200 CDI ,E 220 CDI ,E 270 CDI, 316 CDI , 316 CDI 4X4, ML 270 CDI, C 200 CDI , C220 CDI , C270 CDI, 416 CDI, 416 CDI 4X4, E 220 T CDI , E 270 T CDI, 616 CDI | **\*Torque Specifications :**   1. Change belt,idler pulley and tensioner pulley kit sets. 2. Screws, washers or nuts should be changed with original ones. 3. İf the screw’s quality is 8,8, squeeze it with torque meter key until 200Nm+90°   İf the screw’s quality is 10,9, squeeze it with torque meter key until 325Nm+90°   1. Be sure that the belt should be same level on all pulleys | |