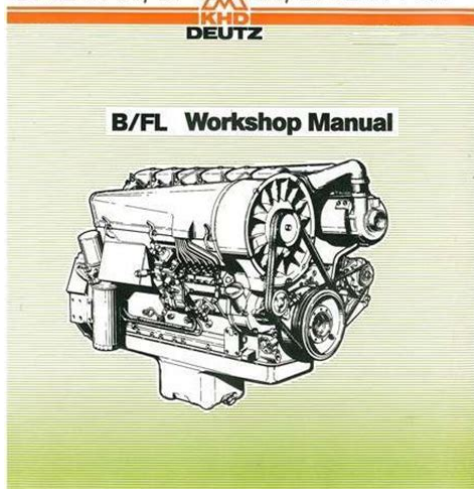


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Book Descriptions:

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Its emblem on diesel engines and gas engines is evidence of the highest quality of products, in the range of power units offered in 2001 includes dozens of basic models of motors. The long way of Deutz AG to today's achievements begins in the distant 1864. We will get acquainted with its main stages, especially since in German designer and inventor Nikolaus Otto, one of the first creators of an efficient internal combustion engine, gets acquainted with an entrepreneur from Cologne, Evgeny In 1869, launched a large plant near Cologne, in the. At the same time, the license for the production of the internal combustion gas engine of In 1872 a new technical director Gottlieb Daimler the future inventor of the The company receives Encouraged by the success, the enterprise is again being reconstructed and preparing for a new round of development, despite the departure of G. Daimler and V. Maybach They are compact, fast and affordable. And all this, thanks to the pioneer of engine building, the company Deutz. In 1896, the At the same time much more powerful gasoline engines began to be installed on railroad locomotives. In 1898, a fundamentally new engine was constructed and presented to the public, having compression ignition. In honor of the A new era in motor building began. Their consumption increased, and the size range expanded. The first machine of its own design came off the assembly line in 1924. The model was called Deutz MTN 222 and was equipped with special pulleys for driving agricultural Since 1921 the company was officially In 1938 the next transformation. Having acquired new plants, the company became known as Klockner Humboldt Deutz AG KHD. In the same year, its technical However, soon everything changed abruptly. The bombing of factories by aircraft of the USSR and its allies destroys 74% It was, as can be easily guessed, in late 1944 the first half of 1945. http://www.eponline.com/mentorfinancial/page_images/bosch-power-drill-manual.xml

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Gradually, together with the tractors, the production of trucks and buses began, which bore the brand of Magirus Deutz and was considered one of the Machines with the KHD brand dump trucks, construction chassis, diesel When the construction of the Baikal Amur Mainline began, Deutz AG received Striking, but true some of them are still on the go. The design of the diesel engines was fully adapted to operation at temperatures from 40. As a result, a plant was built in Kustanai now the Republic of Kazakhstan, designed to supply several tens of thousands of motors per However, the experience gained in researching diesel engines under extreme conditions has The truck and bus division was part of IVECO, a multinational concern controlled by FIAT. And the In 1978, the production of a 4 millionth internal combustion engine was commemorated in the year 1867. The next such And also in connection with the release of a 4 millionth diesel engine, but only with air cooling. Their production began in 1944. In 1995, the department for the There are still many interesting projects ahead of it, among them. All content on the site pdfmanual4trucks.com is taken from free sources and is also freely distributed. If you are the author of this material, then please contact us in order to provide users with a pleasant and convenient alternative, after reading, buying a The site administration does not bear any responsibility for illegal actions, and any damage incurred by the copyright holders. Discover everything Scribd has to offer, including books and audiobooks from major publishers. Start Free Trial Cancel anytime. <http://adler-hudozhka.ru/pic/bosch-portable-table-saw-manual.xml>

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And by having access to our ebooks online or by storing it on your computer, you have convenient answers with Deutz 1011t Engine Service Workshop Manual. To get started finding Deutz 1011t Engine Service Workshop Manual, you are right to find our website which has a comprehensive collection of manuals listed. Download Manual Taller Deutz 1011. In diesem Werkstatthandbuch sind die zweckmaigen Arbeitsablaufe fur anfallende Reparatur und Einstellarbeiten an Motor und Motorbauteilen beschrieben. Dabei wird vorausgesetzt, da bei der Gestaltung des Werkstatthandbuches wurden im Sinne einer schnellen Erfassung der Inhalte zusatzlich zu den

knapp gehaltenen beschreibenden Texten Bildzeichen gesetzt, die den jeweils behandelten Arbeitsgang visualisieren. Betriebs und Wartungshinweise sind der entsprechenden Betriebsanleitung zu entnehmen. Zur Ersatzteilbestellung ist die jeweilige Ersatzteilliste zugrunde zu legen. Das vorliegende Werkstatthandbuch unterliegt keinem Änderungsdienst. Änderungen werden jeweils bei Neuauflage eingearbeitet. Beachten Sie bei Reparaturen die Hinweise unserer Technischen Rundschreiben. Allgemeine Hinweise Lesen und beachten Sie die Informationen dieses Werkstatthandbuches. Sie vermeiden Unfälle und verfügen über einen funktionstüchtigen und einsatzbereiten Motor. Stellen Sie sicher, da. This Workshop Manual describes the appropriate operations for any repair and adjustment work on the engine and engine components. It is presumed that this work will be carried out by qualified personnel. This operation manual has been designed for quick and easy understanding. Therefore the concise text passages are accompanied by pictographs to illustrate the relevant operation. Aspects of operation and maintenance are dealt with in the respective Operation Manual. For spare parts orders the respective spare parts catalogue should be referred to. This Workshop Manual is not subject to engineering change service and is valid until next issue.

Therefore please refer to the information in our Technical Circulars when carrying out repairs. General information Please read carefully and observe the instructions given in this Workshop Manual to avoid accidents and ensure that your engine always functions properly and reliably. Make sure that this Workshop Manual is readily available for all those carrying out repairs or adjustments and that the contents are well understood. Noncompliance with these repair instructions may result in malfunction and engine damage as well as personal injuries for which the manufacturer shall not accept any liability. The accident prevention regulations and all other generally recognized regulations on safety and occupational medicine are to be observed. A prerequisite for successful repair is that all required equipment, hand and special tools are available and in perfect working order. Optimal operation economy, reliability and durability of the engine can only be ensured when genuine parts of DEUTZ AG are used. Engine components such as springs, clamps, snap rings, etc. Le present Manuel d'atelier decrit la suite des travaux de reparation et de reglage a effectuer sur le moteur et ses elements. Cela suppose que les travaux sont realises par un personnel specialise et qualifie. En vue d'une comprehension rapide du contenu, le manuel d'atelier comporte, en plus des textes brefs, des symboles visualisant l'operation a realiser. Les indications relatives au service et a l'entretien figurent dans les instructions de service correspondantes. Pour la commande de pieces de rechange, il convient de se baser sur la liste des pieces de rechange correspondante. Le present manuel d'atelier n'est soumis a aucun service de modifications. Les modifications seront incorporees a chaque reedition du Manuel. Pour les reparations, veuillez respecter les indications de nos circulaires techniques.

Remarques generales Veuillez lire attentivement les informations du present Manuel d' Atelier et en tenir compte. En el presente manual para talleres han sido descritos los ciclos convenientes de trabajo para reparaciones y ajustes del motor y de sus componentes. Se presupone, no obstante, que los trabajos seran realizados por personal tecnico especializado. Con el fin de simplificar la comprension del contenido del manual para talleres, se han agregado simbolos significativos a los textos explicatorios, visualizando asi el trabajo a realizar. Informaciones con respecto al manejo y al servicio de entretenimiento del motor, se encuentran en el Manual de Instrucciones de Servicio correspondiente. Para pedidos de repuestos servira de base el respectivo catalogo de repuestos. El presente manual para talleres no esta sujeto a un servicio continuado de modificaciones e innovaciones. Cada nueva edicion incluye todas las modificaciones del caso. Al efectuar reparaciones, aconsejamos asimismo tomar en cuenta las advertencias pertinentes de nuestras circulaires tecnicas. Advertencias generales Le recomendamos la detenida lectura y observancia de las informaciones contenidas en este Manual de taller. Asi evitara accidentes y dispondra de un motor que funciona perfectamente. Haga lo necesario para que este Manual este a disposicion de

toda persona que participe en trabajos de reparacion y ajuste, y cuide de que si comprenda el contenido. Al no tenerse en cuenta estas instrucciones de reparacion, podran surgir perturbaciones en el funcionamiento y averias en el motor asi como lesiones de personas para las cuales el fabricante no asume responsabilidad alguna. Se cumplan las normas aplicables para la prevencion de accidentes asi como todas las demas normas de seguridad y medicina laboral generalmente aceptadas. Es condicion para la correcta reparacion que esten disponibles todos los requeridos equipos, herramientas manuales y especiales en perfecto estado.

Maxima rentabilidad, fiabilidad y larga duracion quedan garantizadas unicamente al emplearse repuestos originales de DEUTZ AG. Piezas del motor, tales como resortes, garras, aros de sujecion elasticos, etc., aumentan en caso de tratamiento incorrecto el peligro de lesiones. El reacondicionado del motor debera corresponder al empleo previsto definido por el fabricante del equipo. Not ready for adjustment. Important notice! Grease Attention! Important notice! Grease Check Adjust Mark Check Adjust Mark e. g. torque dimensions, pressures, etc. Visual inspection Drain off e. g. oil, cooling water, etc. Visual inspection Drain off e. g. oil, cooling water, etc. e. g. oil, cooling water, etc. Possibly still serviceable Loosen Release Possibly still serviceable Loosen Release Renew if necessary e. g. loosening a clamping device Renew if necessary e. g. loosening a clamping device Renew at each reassembly Tighten Clamp Renew at each reassembly Tighten Clamp e. g. tightening a clamping device Unlock Lock Vent e. g. split pin, locking plate, etc. Unlock Lock Vent e. g. split pin, locking plate, etc. Graisser Remarque importante. Graisser employer lubrifiant plastique employer lubrifiant plastique Utilisation imperative Reperage en cours de demontage Utilisation imperative Reperage en cours de demontage p. ex. couplemoteur, cotes, pressions etc. Utilisation imperative Equilibrer Utilisation imperative Equilibrer d'un outil specialise eliminer le balourd d'un outil specialise eliminer le balourd Respecter l'ordre de montage Premier garnissage remplissage garnissage d'appoint Respecter l'ordre de montage Premier garnissage remplissage garnissage d'appoint p. ex. Huile eau de refroidissement etc. p. ex. Huile eau de refroidissement etc. Verification Controle Vidanger soutirer Verification Controle Vidanger soutirer a vue p. ex. Huile eau de refroidissement etc. a vue p. ex. Huile eau de refroidissement etc.

Control Evacuar Vaciar Control Evacuar Vaciar verificacion visual p. ej. aceite, agua refrigerante, etc. The standard valve clearance is to be adjusted after completion of 500 hours of operation. Nota a chaque changement du joint de culasse augmenter le jeu aux soupapes de 0,1 mm. Apres 500 heures de marche proceder au reglage standard du jeu des soupapes. Nota El juego de valvulas debe aumentarse por 0,1 mm a cada cambio de la junta de culata. Tras 500 horas de servicio se ajustara el juego estandar. Cylinder head cover has been removed. Le cacheculbuteurs a ete depose. La tapa de culata esta desmontada. 1. Turn engine until valves of cyl. No. 1 overlap. 1. Virer le moteur jusqu'a ce que les soupapes soient en bascule, cyl. no. 1. 1. Girar el ciguenal hasta que se crucen las valvulas en el cilindro 1. For valve clearance adjustment schematic see Specification Data. Schema de reglage du jeu aux soupapes voir caracteristiques techniques. Para el esquema de ajuste del juego de valvulas, veanse los Datos Tecnicos. Note Valves overlapping means Exhaust valve about to close. Inlet valve about to open. Neither pushrod can be turned in this position. Nota le chevauchement des soupapes signifie soupape d'echappement pas encore fermee et soupape d'admission commence a s'ouvrir. Les deux tiges de culbuteurs ne peuvent plus tourner. Nota Cruce de valvulas significa La valvula de escape aun no esta cerrada y la de admision comienza a abrirse. En esta posicion, no es posible girar las dos varillas de empuje. 2. Adjust valve clearance on respective cylinder with feeler gauge. 2. Regler le jeu des soupapes au cylindre correspondant avec une jauge d'epaisseur. 2. Ajustar el juego de valvulas en el cilindro correspondiente mediante la galga de espesores. Note Inlet valve clearance 0.3 mm Exhaust valve clearance 0.5 mm Nota Jeu soupape ADM Jeu soupape ECH Nota Juego de valvulas admision escape 3. Tighten locknut. 3. Serrer le contrecrou 0,3 mm 0,5 mm 0,3 mm 0,5 mm 3.

Apretar la contratuerca. Recheck the adjustment with feeler gauge. Effectuer un nouveau controle du serrage avec une jauge d'épaisseur. Nach 500 Bh ist das StandardVentilspiel einzustellen. Zylinderkopfhaube ist abgebaut 9 1. Motor durchdrehen bis zum Erreichen der Ventilüberschneidung, Zyl. Nr. 1. 2 Ventilspieleinstellschema siehe Techn. Daten Hinweis Ventilüberschneidung bedeutet Ausla Ventil ist noch nicht geschlossen, Einla Ventil beginnt zu öffnen. Dabei sind beide Stostangen nicht drehbar. 9 5 2. Ventilspieleinstellung am entsprechenden Zylinder mit Fuhlerlehrenblatt einstellen. 6 5 Hinweis Ventilspiel Einla Ventilspiel Aula 0,3 mm 0,5 mm 3. Kontermutter festdrehen. Tighten bolts. 5. Monter le cacheculbuteurs. Bloquer les vis. 5. Montar la tapa de culata. Apretar los tornillos. Les injecteurs ont ete deposees et le jeu des soupapes controle. Los inyectores estan desmontados y el juego de valvulas esta controlado. 1. Insert connector with new special seal. 1. Mettre en place la piece de raccordement avec un joint special neuf. 1. Introducir la pieza de empalme con la junta especial nueva. 2. Fit clamping pad. Tighten bolt. 2. Placer la griffe de serrage et serrer le boulon. 2. Colocar la garra de sujecion. Kompressionsdruck F 1011 F 2530 bar BF 1011 F 2227 bar 4 6 Der gemessene Kompressionsdruck ist abhängig von der Anladrehzahl während des Mevorganges und der Hohenlage des Motoraufstellortes. Grenzwerte sind daher nicht genau festlegbar. Empfohlen wird die Kompressionsdruckmessung nur als Vergleichsmessung aller Zylinder eines Motors untereinander anzusehen. Sind mehr als 15% Abweichung ermittelt worden, sollte durch die Demontage der betroffenen Zylindereinheit die Ursache ermittelt werden. 9 5 2 Hinweis Einspritzventil mit neuer Spezialdichtung einsetzen und festdrehen. Anziehvorschrift 21 Nm Einspritzleitungen festdrehen. Turn engine with starter. Compression pressure F engine 2530 bar BF engine 2227 bar 4. Brancher le compressiometre.

Virer le moteur au demarreur Pression de compression Moteur F 2530 bars Moteur BF 2227 bars 4. Conectar el compresimetro. Girar el motor con ayuda del arrancador. Presion de compression Motor F 25 30 bar Motor BF 22 27 bar The measured compression pressure is dependent on the starting speed during the measuring process and also on the altitude of the engine site. Therefore it is difficult to specify precise limit values. It is recommended to use the compression pressure measurement only for comparison of compression pressures of all cylinders in one engine. If a difference in pressure in excess of 15 % is determined, the cylinder unit concerned should be dismantled to establish the cause. Le taux de compression mesure depend de la vitesse de demarrage durant le releve des mesures, et de l'altitude du lieu d'implantation du moteur. Des valeurs limites precises ne peuvent donc pas etre fixe'es. Il est conseille de considerer la mesure du taux de compression uniquement comme mesure comparative pour tous les cylindres d'un moteur. En cas d'ecart superieur a 15 %, la cause pourra etre determinee en demontant l'unite cylindre concerne'e. El valor de compresion medido depende de la velocidad de arranque durante la medicion y de la altitud del lugar de instalacion del motor. Por tanto, no es posible fijar valores limite exactos. La medicion de compresion se aconseja solamente como una medida de comparacion entre todos los cilindros de un mismo motor. Si se verifican diferencias superiores al 15%, es conveniente buscar la causa, desmontando la unidad de cilindro afectada. Note Fit injector with new special seal and tighten. Nota monter l'injecteur avec un joint special et serrer. Nota Montar el inyector con una junta especial nueva y apretar. Tightening specification 21 Nm Consigne de serrage 21 Nm. Prescripcion de apriete 21 Nm. Tighten injection lines. Serrer les tuyauteries d'injection. Apretar las tuberias de inyeccion. The leakage fuel line must always be renewed.

For testing the injector use only pure test oil to ISO 4113 or clean diesel fuel. Nota tous les travaux a effectuer sur les injecteurs doivent etre realises dans de parfaites conditions de proprete. Pour controler les injecteurs n'utiliser que du gazole d'essai pur selon ISO 4113 ou du combustible diesel parfaitement propre. Nota Al trabajar en el equipo de inyeccion, se debera observar maxima limpieza. Para la prueba de los inyectores solo se utilizara aceite de ensayo puro segun ISO 4113 o combustible diesel limpio. Caution! Attention! Atencion Beware of injection nozzle fuel jet. The fuel penetrates deeply into the skin tissue and may cause blood poisoning. Tenir les mains a l'ecart des

jets de gazole, la force de penetration de ceuxci est telle qu'ils peuvent creer des blessures graves et amener un empoisonnement du sang. No acercar nunca las manos a los chorros del inyector, pues el combustible se introduce en la carne y destruye los tejidos. Si llega a la sangre, produce grave intoxicacion. 1. Connect injector to nozzle tester. 1. Monter l'injecteur sur la pompe d'essais d'injecteurs. 1. Empalmar el inyector al comprobador. 2. Checking opening pressure 2. Controle de la pression d'ouverture 2. Comprobacion de la presion de apertura With pressure gauge switched on, slowly press down lever of nozzle tester. The pressure at which the gauge pointer stops or suddenly drops, is the opening pressure. La pression a laquelle l'aiguille s'arrete ou chute brusquement, est la pression maxi ou pression d'ouverture. La presion a la que la aguja se detiene o cae repentinamente, es la presion de apertura. Zur Prufung der Einspritzventile nur reines Prufol nach ISO 4113 oder sauberen Dieselkraftstoff verwenden. 2 Achtung ! e 4 Hande weg vom Dusenstrahl. Der Kraftstoff dringt tief in das Fleisch ein und kann zur Blutvergiftung fuhren. 1. Einspritzventil an das Dusenprufgerat anbauen. 2.

Prufung des Offnungsdruckes 6 Hebel des Dusenprufgerates bei zugeschaltetem Manometer langsam niederdrucken. Der Druck bei dem der Zeiger stehen bleibt oder plotzlich abfallt, ist der Offnungsdruck. Folge der Einzeldemontage 8 r 2 1. Uberwurfmutter 2. Einspritzduse 3. Zwischenstuck 4. Druckbolzen 5. Druckfeder 6. Ausgleichscheiben 4. Durch Auswahl der erforderlichen Scheibe Druck einstellen. Starkere Scheibe ergibt höheren Offnungsdruck. Einspritzventil zusammenbauen. Handhebel des Prufgerates langsam niederdrucken, bis ca. 20 bar unterhalb des vorher abgelesenen Offnungsdruckes erreicht werden. 2.00.06 Einspritzventil Injector Soupape injectrice Inyector Prufen und Einstellen Checking and adjusting Controle et reglage Verificacion y ajustes English Francais Espanol 3. Adjusting the opening pressure on the injector 3. Tarage de la pression d'ouverture sur injecteur 3. Ajuste de la presion de apertura en el inyector Unscrew cap nut and remove all parts Sequence of parts disassembly 1. Cap nut 2. Injection nozzle 3. Adapter 4. Thrust pin 5. Compression spring 6. Shims 4. Adjust pressure by selecting appropriate shim. A thicker shim increases the opening pressure. Reassemble injector. Tighten cap nut. Devisser l'ecrouaccord et déposer toutes les pieces. Suite du demontage des pieces 1. Ecrouaccord 2. Injecteur 3. Piece intermediaire 4. Tige poussoir 5. Ressort de pression 6. Rondelles d'epaisseur 4. Regler la pression en prenant le nombre de rondelles necessaires. Des rondelles plus epaisses entraînent une pression d'ouverture plus grande. Remonter l'injecteur et serrer l'ecrouaccord. Controler a nouveau l'injecteur a l'aide de la pompe d'essai d'injecteurs. 5. Checking for tightness Dry nozzle and nozzle holder blow out with compressed air. Press down handlever of nozzle tester slowly until a pressure of about 20 bar below the previous opening pressure reading is attained. 5. Controle de l'etancheite Secher l'injecteur et le porteinjecteur par jet d'air.

<http://schlammatlas.de/en/node/16267>