Toyota 8fgcu25 steering diagram

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Quick Links. Table of Contents. Troubleshooting Troubleshooting STD lever troubleshooting Meter troubleshooting OPS troubleshooting Torque converter interlock troubleshooting Power supply troubleshooting For the service procedures of the mounted engine, read the repair manuals listed below as reference together with this manual. Punching Position Punching position Point Operations Point 1 Disassembly: Make a match mark across the end cover, outer gear, and valve body. Reassembly: Follow the steps below for reassembly. Keep it so as not to be lost. Reassembly: Make sure to put the steel ball in portion A. Reassembly: After spool insertion into the sleeve, the notched por- tion of the spring shall securely set in the groove on the sleeve. Install an oil pressure gauge. Disconnect the hose from the P port of the steer- ing valve, and connect the SST adapter. SST 2. Install the oil pressure gauge. Reassembly: Align match marks for reassembly. Inspection: Check the lift lock solenoid for continuity. Reassembly: Be careful not to mistake the lowering side and lifting side. Reassembly: Carefully reassemble to prevent incorrect installation of each solenoid spool. Reference Resistance: 9. Point 9 Inspection: Check the proportional reducing valve for continuity. Measurement terminal: Continuity exists. Reference Resistance: 6. Inspection: Check and clean any clogged orifice. Reassembly: Reassemble according to the dimension A meas- ured before disassembly. Adjustment: After installing the control valve to the vehicle, check whether there are any abnormalities in material hand- ling start timing by slowly operating the lever. Reassembly: When the relief valve is disassembled, temporarily in- Adjusting screw A stall it after fitting the nuts as illustrated. Avoid hasty adjustment since it may cause high- pressure generation that may result in damage to the oil pump and other hydraulic devices. Install the toe board. Close the engine hood. Adjust the lift side relief pressure. Operate by two workers with one sitting on the seat. And the operator or administrator can set the vehicle performance with this display. Further- more, it has functions to perform maintenance, feeling adjustments and specification setting as a service function. Function activation indicator Speedometer Function activation indicator Low speed setting indicator In factory setting, default models are preset in "mph". And export SPEC. The Eco-mode func- tion is effective when this indicator lights. But this indicator cannot be switched by pressing the mode select switch when the menu lock is effective. Odometer The Odometer displays the total travel distance. In factory setting, default models are preset in "mile". The buzzer sounds when the operator turns off the key switch with the parking brake released. But the setting menu screen is not displayed when the menu lock is effective. These functions are password-protected not to be changed by general operators. Entering the password displays the setting menu for administrator. Enter the password. Other: Skip this screen. Administrator menu screen is displayed automatically. Select [END] on the menu and press switch 4 ; the status screen returns. The second password can be registered by continuing to press switch 1 for 2 seconds after entering the password by using switch 1 to 4. If the switch 4 is pressed for 2 seconds or more before deletion, the screen returns to the menu screen and the password is NOT deleted. Switch 1 When pressing the Within 10 seconds, press switches, a short beep switch 2 and switch 3 at the sounds, and after 2 same time for more than 2 seconds repeated short seconds. The most recent diagnosis code is displayed as 1, followed by 2, 3 and so on to The circuit or sensor quality can be judged by monitoring the displayed value. Throttle position sensor 1 voltage standard: 0. Step 2 Press switch 1 once to check that "2. PIM: Intake manifold pressure past turbocharger kPa Displays the engine intake manifold pressure after being supplied by the turbocharger. Step 2 Press switch 1 twice to check that "3. Standard when vehicle is stationary: approx. Vehicle without rear stabilizer: Normally 0. Step 2 Press switch 1 3 times to check that "4. Step 2 Press switch 1 5 times to check that "6. The selected item is on forced ON status. The selected item is on forced OFF status. No function for corresponding item, or no signal shows status. If not, OPS is activated and material handling operation may be limited. Step 2 Press switch 1 7 times to check that "8. When receiving a request from a user such as "I want to adjust the lift idle up", a setting level can be altered from the tuning screen. Step 2 Check that "1. Step 2 Press switch 1 4 times to check that "5. It does not enable or disable the function itself. On SAS matching screen: Values in bracket are currently stored value. Switch 1 : Pressing this for more than 2 seconds will per- form matching. Step 2 Press switch 1 to check that "2. EMRV" screen. Although the wheel radius is set to the value of new tires at the time of shipment, ad- just it whenever the tire size or type is changed according to "Wheel Radius List". Step 2 Press switch 1 6 times to check that "6. You can use the four switches on the multi-function display DX to set arbitrary four digits as the mask second password. When the password is set, the mask second password is prompted after the normal service password input. You can move to the service functions screen only when the password matches your input operation. The password is deleted and "OK" is displayed after the opera- tion. Press switch 1 for two seconds or more to perform Pass- word Set. You can delete the administrator's second password with a service function in case of user request.

Step 2 Press switch 1 9 times to check that " Step 2 Press switch 1 10 times to check that " Take the appropriate corrective action. An open circuit internal dam- If the vehicle cannot age travel forward, re- place the torque Low voltage Check the battery voltage. Turn the ignition key switch OFF. Turn the ignition key switch ON engine stopped. A Judgment Result Inspect for continuity and short circuiting of the harness in the same state as for step 3. Turn the ignition key switch OFF, and disconnect A Turn the ignition key switch OFF and disconnect A Portion to be checked Solenoid side Standard Approx. Turn the ignition key switch OFF, disconnect the battery negative terminal. Disconnect A, measure the electromagnetic relief valve solenoid resistancevalue. Page Published by 1st Printing: Mar. This manual is also suitable for: 8fgu30 8fgu32 8fdu15 8fdu18 8fdu20 8fdu Show all 8fdu30 8fdu32 fdu15 fdu18 fdu20 fdu25 fdu30 8fgcu20 8fgcu25 8fgcu30 8fgcu32 8fgu18 8fgu20 8fgu Print page 1 Print document pages. Cancel Delete. Sign In OR. Don't have an account? Sign up! Restore password. Upload from disk. Upload from URL. Toyota Drain Plug. Toyota Lug Nuts. Toyota Brake Pad Set. Toyota Brake Disc. Toyota Wheel Bearing. Toyota Wheel Stud. Toyota Ball Joint. Toyota Backing Plate. Toyota Emblem. Toyota Seat Belt. Toyota Gas Cap. Toyota Door Handle. Toyota Door Lock. Toyota Sun Visor. Toyota Throttle Cable. Toyota Car Key. Toyota Drain Plug Washer. Toyota Spark Plug. Toyota Oil Filter. Toyota Air Filter. Toyota Drive Belt. Toyota Ignition Coil. Toyota Alternator. Toyota Radiator. Toyota Wiper Blade. Toyota Fog Light Bulb. Toyota Oxygen Sensor. Toyota Cabin Air Filter. Toyota Headlight Bulb. Toyota Headlight. Toyota Engine Control Module. Toyota Wiper Arm. Toyota Running Boards. Toyota License Plate Frame. Toyota Roof Rack. Toyota Paint Protection Film. Toyota Fog Lights. Toyota Tow Hitch. Toyota Graphics. Toyota Spare Tire Cover. Toyota Floor Mats. Toyota Seat Cover. Toyota Shift Knob. Toyota Cargo Net. Toyota Floor Liners. Toyota Cargo Cover. Toyota Door Sill Protectors. Toyota Cargo Liner. Toyota Radiator Cap. Toyota Wheels. Toyota Key Finder. Toyota Armrest. Toyota Supercharger. Toyota Brake Pads. Toyota Wheel Covers. Toyota Camper Shell. Toyota Brakes. Toyota Bed Extender. Toyota Exhaust. Toyota Tonneau Cover. Toyota Wheel Locks. Toyota Bike Rack. Shop for Toyota Parts. Other Popular Toyota Accessories. About Toyota Toyota Motor Corporation was established by Kiichiro Toyoda in , as a spinoff from his father's company Toyota Industries to create automobiles. However, the company had begun its auto manufacturing three years earlier. In , it created its first engine, the Type A engine, and, in , its first passenger car, the Toyota AA. Today, the company has ranked among the world's largest automobile manufacturers. It first entered the U. The Corolla, Toyota's iconic model, achieved the company a competitive rival against the lumbering American cars in the s oil crisis. In an effort to cater to the U. Besides, Toyota saw that what the consumer wanted is innovative technology. The company leads the forefront of green technology with its Prius, which is recognized as one of the world's best-selling car. As the market awareness increased, the dealers began to find ways to improve the Toyota parts and accessories online presence. Get the OEM parts to make your vehicle run at its peak. Featured Toyota Models. Our Customers Reviews. Award Winning Customer Service. Operation procedure 1 The operation procedure is described in either pattern A or pattern B below. Pattern A: Explanation of each operation step with illustration. Pattern B: Explanation of operation procedure by indicating step numbers in one illustration, followed by explanation of cautions and notes summarized as point operations. How to read components figures 1 The components figure uses the illustration in the parts catalog for the vehicle model. Please refer to the catalog for checking the part name. The number at the right shoulder of each components figure indicates the Fig. Matters omitted in this manual 1 This manual omits description of the following jobs, but perform them in actual operation: a Cleaning and washing of removed parts as required b Visual inspection partially described. Be sure to observe them. Note: Important items of which negligence may cause breakage or breakdown, or matters in operation procedure requiring special attention. Standard: Values showing allowable range in inspection and adjustment. Limit: Maximum or minimum allowable value in inspection or adjustment. Safe operation 1 After jacking up, always support with wooden blocks or rigid stands. Tactful operation 1 Prepare the mechanic tools, necessary measuring instruments circuit tester, megger, oil pressure gauge, etc. Observe the specified tightening torque at the time of reassembly. Tighten to the center of the specified tightening torque range. If no tightening torque is specified, tighten the bolt or nut according to the standard tightening torque table. Grasping the trouble state When a trouble occurs, do not attempt immediate disassembly or replacement but first check if the trouble requires disassembly or replacement for remedying. Disposal of waste fluid, etc. When draining waste fluid from the vehicle, receive it in a container. If any oil, fuel, coolant, oil filter, battery or other harmful substance is directly discharged or scrapped without permission, it will either adversely affect human health or destroy the environment. Always sort waste fluids, etc. Jack up points Jack up points are provided in the front and rear portions of the vehicle. Always apply

jacks at the jack up points. Front side: A circular groove to accept a screw jack is provided under the front side of the frame. When a garage jack is used, jack up at the bottom surface of the frame. Rear side: Pn models A circular groove to accept a screw or garage jack is provided at the bottom surface of the counterweight. Cu models except Cu1 ton series Jack up at the under the counterweight or the bottom surface of the frame. Jack up points Front side: Jack up at the bottom surface of the frame. Rear side: Jack up at the under the counterweight or the bottom surface of the frame. Hydraulic oil level inspection procedure Checking the oil amount inside tank, as shown below, contact top of cap on retainer. Do not push it into retainer. Remove the fuse 7. Make sure that the engine is stopped when installing the fuse. Whenever the repair or replacement is performed to the place where relative to SAS function, matching procedure by which the SAS regain proper function must be performed. See Page The warning on the SAS caution label must be confirmed when the modification or change is such as to change the original specification. If improper, change the label. Care should always be exercised for safety operation whenever you operate the truck. Make distinction between the SAS featured trucks and those of none, because the control features are different. The SAS oil control valves comprise many precision valves. Since dirty or contaminated hydraulic oil will adversely affect the functions of these valves, always wash the parts clean at the time of installation after disassembly or for replacement of hydraulic parts valves, piping, etc. Periodic replacement of the hydraulic oil is very important. Since this vehicle uses high-precision electronic devices, modification of electrical parts may cause faults. Always use genuine Toyota parts when replacing or installing electrical parts auxiliary equipment, optional parts, etc. They should be used selectively according to the purpose of measurement. Analog type: This type is convenient for observing movement during operation, but the measured value should only be used for reference or rough judgement. Digital type: Fairly accurate reading is possible, but it is difficult to observe the variation or movement. Always use a circuit tester according to its operation manual. Cautions when the polarities are different between the analog type and digital type are described below. Difference in result of measurement with circuit tester The circuit tester power supply voltage depends on the tester type. The resistance of a semiconductor such as a diode varies with the circuit tester power supply voltage. The diode characteristics are shown in the figure below. The resistance values of the same semiconductor measured with two types of circuit testers having different power supply voltages are different. Difference in measurement result by measurement range analog type In the analog type circuit tester, changing the measurement range switches over the internal circuit to vary the circuit resistance. Even when the same diode is measured, the measurement result varies with the measurement range. Always use the range described in the repair manual for measurement. This manual describes the results of measurement with a circuit tester whose power supply voltage is 3. Judge the standard tightening torque as shown below. For tightening torque of hexagon head bolt, welded bolt and stud bolt with the standard bearing surface, identify bolt class based on the below chart and then determine using the tightening torque table. For tightening torque of hexagon flange bolts, identify bolt class based on the below chart and then determine using the tightening torque table. Do not use the precoat bolt as it is in either of the following cases: 1 After it is removed. Note: For torque check, use the lower limit of the allowable tightening torque range. If the bolt moves, retighten it according to the steps below. Method for reuse of precoat bolts 1 Wash the bolt and threaded hole. The threaded hole must be washed even for replacement of the bolt. When connecting a high pressure hose, wipe the hose fitting and mating nipple contact surfaces with clean cloth to remove foreign matters and dirt. Also check no dent or other damage on the contact surfaces before installation. When connecting a high pressure hose, hold the hose to align the fitting with the nipple and tighten the fitting. The maximum tightening torque must not exceed twice the standard tightening torque. General How to read components figures 1 The components figure uses the illustration in the parts catalog for the vehicle model. For screw jack For screw jack Pn models Jack up points Jack up points are provided in the front and rear portions of the vehicle. Section 0 General 6. See Page 4. See Page 5. For tightening torque of nuts, check the mating bolt and use the method 1. Part No. Please Click Here. Seal lock agent Note: For torque check, use the lower limit of the allowable tightening torque range. Published on Mar 21, Go explore. JavaScript seems to be disabled in your browser. You must have JavaScript enabled in your browser to utilize the functionality of this website. Forklift carries the largest selection of forklift parts and accessories. We stock all major brand forklift parts, new, used and remanufactured. When looking for Toyota forklift parts , one can utilize the internet and or just directly contact Toyota service centers for particular inquiries. As far as Toyota is concerned, all Toyota forklift trucks are created and designed to go along with particular Toyota genuine parts and accessories. The reason for this is Toyota would want to maintain the highest quality of its service to people who

are involved with forklift service businesses. The said brand would want to secure its good name through precisely creating parts that will fit perfectly with Toyota forklifts. Truly, Toyota and its forklifts through their uniquely designed forklift parts have built a reputation for good, reliable, and competent service. The Toyota forklift parts that are commonly bought directly from Toyota and or through the internet are the following; 1 Toyota forklift forks, 2 Toyota mast bearings, 3 Toyota forklift carriage parts, 4 Toyota forklift engine parts, 5 Toyota forklift batteries , etc. These Toyota forklift parts are easily manageable. In fact, for people who desire to not spend anymore for delivery charges, they can simply collect the materials they purchased from Toyota themselves. With the right equipment, any person will be able to lift truck parts such as Toyota forklift parts without any complications. Toyota forklift forks are hard metal pieces that make lifting for Toyota forklifts possible. For many people, of all the Toyota forklift parts , Toyota forklift forks are the souls of such huge tools. Toyota mast bearings make the movements of Toyota forklifts very smooth and effective. Toyota forklift carriage parts are able to make lifting easy for Toyota forklifts. Toyota forklift engine parts make the flow of power in Toyota forklifts very smooth and efficient. Among all Toyota forklift parts , these forklift engine parts are the only tools that can boost forklifts to deliver maximum performance. Toyota forklift batteries aid Toyota forklifts in functioning well and for a considerably long period of time without any mechanical difficulties and or power failures. It is very vital to note that one must be highly alert to not get fooled by imitators of Toyota forklift parts. It is best for people to simply directly access Toyota for particular concerns regarding Toyota forklifts. Today, with all these in mind, it can be concluded that one must really be wise in looking for these materials. Find replacement parts for all Toyota Forklift Models. We have Toyota forklift parts online. Seeing Toyota forklift error codes? Search our Toyota forklift parts catalog to find all the OEM quality replacement parts that you need. Our service team can look up what you need in a parts diagram or search a Toyota repair manual whether you need lift truck parts, accessories, seats, attachments, or pallet jack parts. Search our online Toyota forklift parts catalog! If you have your exact model number on hand, but you do not have a part number, that's fine! Click the large blue button that says "Submit Parts Research" to reach out to one of our dedicated customer service team. Our team will be able to search a Toyota forklift manual for you to help you find the product you need! Click here to shop for Toyota aftermarket forklift parts. Click here to shop for parts for your Toyota. Are you tired of shopping around for your Toyota forklift? Whether you are ordering for one truck or an entire fleet, it is easy to order on Forklift We offer the quickest service from looking at parts on our online catalog to delivery to your door! Parts that are in stock will ship out same day. Our customer service team would love to help you track it down. If you do not know your part numbers, that is okay! We provide the very best value in the materials handling industry for parts. Save by buying new Toyota aftermarket forklift parts at great prices from Forklift View our locations here. In-stock items ship out same day so that you get your parts fast! More information about shipping here. Toyota Materials Handling, U. They are headquartered in Columbus, Indiana. Toyota began distributing lift trucks in the United States in the s, and now one in every five forklifts sold in America is a Toyota. Since , material handling specialists have ranked Toyota parts at the top in terms of value, quality, reliability

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, and durability. Our replacement Toyota parts meet or exceed OEM quality guidelines, and will keep your Toyota forklift running smoothly and efficiently. SAS System Active Stability , which has known to decrease injuries in the workplace, is featured in the forklift trucks. The trucks also feature a low profile front cowl that prevents the operator from leaning forward unnecessarily, and also provides improved visibility. These features have helped Toyota become a leader in the industry. Forklift Parts and Accessories. My Cart: 0. Search: Search. Toyota Forklift Parts. Compare Products. Popular Tags. Community Poll. What is the main reason for you to purchase products online? More convenient shipping and delivery Lower price Bigger choice Centralized product search procedure without having to leave your home Payments security day Money Back Guarantee Other. Sign Up for Our Newsletter:. My Cart. You have no items in your shopping cart. Forklift Parts For Sale. Forklift Trucks For Sale.