1994 toyota camry engine diagram

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Do not leave the ignition switch on for more than 10 minutes if the engine does not start. With a tachometer connected to the system, conâ€" nect the tester probe of the tachometer to terminal IG â€" of the data link connector 1. As some tachometers are not compatible with this ignition system, we recommend that you confirm the compatibility of yours before use. Do not disconnect the battery while the engine is running. Check that the igniter is properly grounded to the body. HINT: To prevent gasoline from being injected from injectors during this test, crank the engine for no more than 1â€"2 seconds at time. Turn ignition switch to ON. BAD Replace the ignition coil. BAD Replace the distributor housing assembly. Replace the distributor housing assembly. Do not pull on the highâ€"tension cords. If the resistance is greater than maximum, check the terminals. If necessary, replace the highâ€"tension cord. Do not pull on the cords. HINT: If a megger is not available, the following simple method of inspection provides fairly accurate results. Simple Method: a Quickly race the engine to 4, rpm 5 times. See step 4 c Visually check the spark plug. If the electrode is dry OK If the electrode is wet Proceed to step 5 d Reinstall the spark plug. See step 8 3. If abnormal, replace the spark plug. If the gap is greater than maximum, replace the spark plug. Correct electrode gap for new spark plug: 1. Do not touch the tip. Never attempt to adjust the gap on the used plug. Torque: 18 Nâ€"m k9fâ€"cm. Primary coil resistance Cold : 0. Secondary coil resistance Cold : 9. If the air gap is not as specified, replace the distributor housing assembly. Disconnect the highâ€"tension cords at the rubber boot. If it feels rough or worn, replace the distributor housâ€" ing assembly. SET NO. SST â€" The NE coil detects the crankshaft position, and the G coil detects the camshaft position. Do not leave the ignition switch on for more then 10 minutes if the engine does not start. See page IGâ€"28 b Remove the spark plugs. See page IGâ€"28 c Install the spark plugs to the each highâ€"tension cord. HINT: To prevent gasoline from being injected from injectors during this test, crank the engine for no more than 1â€"2 seconds at a time. Turn ignition switch ON. BAD Replace the cord s. BAD Check wiring between ignition switch and ignition coil. BAD Replace distributor housing assembly. DO NOT pull on the cords. Never attempt to adjust the electrode gap on a used spark plug. See step 3 c Visually check the spark plug. Proceed to step 4 d Reinstall the spark plug. See step 7 on page IGâ€"29 3. Correct electrode gap of new spark plug: 1. Torque: 18 Nâ€"m kgfâ€"cm, 13 ftâ€"lbf 8. Distributor 7. Air gap: 0. Seal packing: Part No. Using data provided by sensors which monitor various engine functions RPM, intake air volume, engine temperature, etc. Also, as a failâ€"safe measure, when ignition occurs an ignition confirmation signal IGF signal is sent to the ECM. With a timing tight connected to the system, conâ€" nect the timing light pickup clip to the green lead wire for the No. As some tachometers are not compatible with this ignition system, we recommend that you confirm the compatibility of your unit before use. See steps 1 to 3 on page IGâ€"50 b Remove the spark plug. See step 3 on page IGâ€"47 c Install the spark plug to the ignition coil, and connect the ignition coil connecter. Turn ignitioin switch ON. Check wiring between ignition switch to ignition coil and igniter. Replace the ignition coil. Replace the camshaft position sensor. Replace the crankshaft position sensor. See step 7 on page IGâ€"47 g Reinstall the ignition coil. Correct electrode gap for now spark plug: 1. Torque: 18 Nâ€"m kgfâ€"cm. Resistance Cold : â€"1, Resistance Hot : 1,â€"1, 0 If the resistance is not as specified, replace the camâ€" shaft position sensor. See page IGâ€"52 4. HINT: Arrange the ignition coils in correct order. Torque: 8 Nâ€"m 80 kgfâ€"cm. lbf b Connect the 6 ignition coil connectors. Resistance Cold : 1,â€"2, 0 Resistance Hot : 2,â€"3, 0 If the resistance is not as specified, replace the crank shaft position sensor. Get notified when we add a new Toyota Camry Manual Notify me. Get notified when we add a new ToyotaCamry Manual. Notify me. We cover 60 Toyota vehicles, were you looking for one of these? Thanks for visiting my little site! Can you help keep us online? Or add your coupon if you have it? Thank you for visiting OnlyManuals. Toyota - Camry - Workshop Manual - - We'll send you a quick email a new Toyota Camry document is added. Spam free: Maximum of 1 email per month. Donations are totally optional, if you can't afford a few dollars right now please don't feel pressured, but if you can Pretty please could you help? Show full PDF. Get your hands on the complete Toyota factory

workshop software. Check out our popular Toyota Camry Manuals below:. Summary of Content. The voltage regulator uses integrated circuits and controls the voltage produced by the generator. Check that the battery cables are connected to the correct terminals. Disconnect the battery cables when the battery is given a quick charge. Do not perform tests with a high voltage insulation resistance tester. Never disconnect the battery while the engine is running. Then when the engine is started, the voltage output increases as the generator rpm increases. When the voltage output becomes greater than the battery voltage, current for recharging flows from terminal B. Simultaneously, voltage at terminal L increases and the potential difference between battery and terminal L disappears, causing the discharge warning light to go off. When the voltage output exceeds the regulator adjustment voltage, the transistor inside the voltage regulator regulates the voltage so that the voltage from the generator remains constant. Maintenance Free Battery If under the lower level, replace the battery or add distilled water if possible. Check the charging system. Standard voltage: If the voltage is less than specification, charge the battery. HINT: Check the indicator as shown in the illustration. Except Maintenance Free Battery Check the specific gravity of each cell. Fusible link: MAIN 2. If any defect has been found, replace the drive belt. HINT: Cracks on the rib side of a drive belt are considâ€" ered acceptable. If the drive belt has chunks missing from the ribs, it should be replaced. Check that the disâ€" charge warning light is lit. Check that the light goes off. If the light does not go off as specified, troubleshoot the discharge light circuit. Standard amperage: 10 A or less Standard voltage: If the voltmeter reading is less than standard voltage, check the generator. Standard amperage: 30 A or more If the ammeter reading is less than the standard amâ€" perage, repair the generator. HINT: If the battery is fully charged, the indication will sometimes be less than standard amperage. SST â€" c Using snap ring pliers, remove the generator washer from the rectifier end frame. Standard resistance: 2. If there is continuity, replace the rotor. If rough or scored, replace the rotor. Standard diameter: Minimum diameter: If the diameter is less than minimum, replace the rotor. Stator Drive End Frame 1. If there is no continuity, replace the drive end frame assembly. If there is continuity, replace the drive end frame assembly. Brushes 1. Standard exposed length: Minimum exposed length: 1. If the exposed length is less than minimum, replace the brushes. Exposed length: Rectifiers Rectifier Holder 1. If continuity is not as specified, replace the rectifier holder. SST â€" â€" d Install the bearing retainer with the 4 screws. Torque: 2. Torque: 4. Then when the engine is started, the voltage output increases as the generator speed increases. HINT: Cracks on the rib side of a belt are considered acceptable. If the belt has chunks missing from the ribs, it should be replaced. SST â€" c Remove the thrust washer. If the exposed length is less than minimum, replace the brushes and brush holder assembly. Bearings 1. Torque: 5. Torque: 3. Do not tighten the bolts yet. After installing a belt, check that it fits properly in the ribbed grooves. Check by hand to confirm that the belt has not slip out of the groove on the bottom of the pulley. After installing a new belt, run the engine for about 5 minutes and recheck the belt tension. Get notified when we add a new Toyota Camry Manual Notify me. Get notified when we add a new ToyotaCamry Manual. Notify me. We cover 60 Toyota vehicles, were you looking for one of these? Thanks for visiting my little site! Can you help keep us online? Or add your coupon if you have it? Thank you for visiting OnlyManuals. Quick Links. Table of Contents. When handling supplemental restraint system components removal,. This wiring diagram manual has been prepared to provide. For service specifications and repair procedures of the above. All information in this manual is based on the latest product. However, specifications. Applicable models: SXV10 Series MCV10 Series For service specifications and repair procedures of the above models other than those listed in this manual, refer to the following manuals; The actual wiring of each system circuit is shown from the point where the power source is received from the battery as far as each ground point. Page 5 : System Title : Indicates the wiring color. No shading is used and only Wire colors are indicated by an alphabetical code. Page 7 : Explains the system outline. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Page 9 The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points , and shown below can also be checked this way. Connect a test light in place of the fuse. Establish conditions in which the test light comes on. Release the locking lug from terminal and pull the terminal out from rear. HINT: Make sure the terminal is positioned correctly. Insert the terminal until the locking lug locks firmly. Insert the terminal with terminal retainer in the temporary lock position. Current flow through a small coil creates a magnetic field which either 2. Page 19 [B

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ody] [Sedan] [Coupe] [Wagon] The next page and following pages show the parts to which each electrical source outputs current. Page 79 2. Page 89 2. Malfunction symptoms of the supplemental restraint system are difficult to confirm, so the diagnostic trouble codes become the most important source of information when troubleshooting. Page The supplemental restraint system has connectors which possess the functions described below: 1. When the connector is disconnected, the short spring plate automatically connects the power source and grounding terminals of the squib to preclude a potential difference between the terminals. If the primary lock is incomplete, ribs interfere and prevent the secondary lock. Page 7. Junction Blocks are shaded to clearly Wire colors are indicated by an alphabetical code. Page C ont. California Bâ€"W Ex. Page Cont. 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.