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Spader rv flat rate manual 2019 free pdf

Now we are looking at additional time to remove all this extra stuff and replace it, just to perform the water heater job. OIL PRESSURE SWITCH R&R011170 PC BOARD R&R082850 PLUMBING KIT INCL WIRE 110V/12V/GAS011750 REMOTE START/CONTROL INSTALL011180 REMOTE SWITCH R&R350360 REMOTE WIRING R&R ONAN POWER PLANT326400 RESONATOR INSTALL326410 RINGS & BRUSHES CLEAN/CHECK368190 ROTOR & STATOR ASSYS R&R356370 ROTOR ASSY R&R356380 SET FRAME BKG INCLUDE BUILDING FRAME011470 NEW! SET PULL CABLE R&R378350 NEW! SLIDE OUT LUBE377370 SPARK PLUGS R&R ONAN (TWO)012120 STARTER R&R326420 STARTER COIL R&R356390 STARTER SOLENOID R&R326430 STATOR ASSY R&R356400 SWITCH R&R326440 TAIL PIPE EXTENSN R&R ONAN POWER PLANT326450 TRANSFER SWITCH INSTALL 50 AMP WIRED371100 VOLTAGE REGULATOR R&R011190 WIRING INSTALL 110V375940 R&I/REPAIR W/FRONT BOTTOM FASCIA REMOVAL375230 GLOBAL POSITIONING SATELLITE BRACKET INSTALL HAND-HELD356410 SYSTEM DIAGNOSE350370 SYSTEM INSTALL326460 GLOBAL POSITIONING SATELLITE continued on next 1989-2017 Spader Business Management, Inc.5 All rights !34 Identifies jobs added in this edition - most new jobs are contributed by fewer than 3 dealers. I take a lot of tools and parts to be ready for just about anything. INTERIORS R&R (PER FT)329000 R&R ALUMINUM (PER LIN FT) AIRSTREAM376090 SAND & COAT TT OR SW (PER FT)364220 SEAL351420 NEW! COVERS R&R377680 TRIM REPAIR FILL W/PUTTY CRAYON364230 BUMPERS ALIGN329020 ALIGN AMERICAN EAGLE/DREAM/HERITAGE351430 CLEAN/PAINT080100 CLEAN/PAINT/R&R080000 INSTALL (FRONT)005500 INSTALL (REAR)005600 INSTALL SLIDING373260 R&R (FRONT) AMERICAN DREAM/HERITAGE351450 R&R (FRONT) AMERICAN EAGLE351460 R&R (REAR)351480 R&R AVION351440 R&R BOLT-ON080400 R&R CAMPER351470 R&R MOTORHOME080020 R&R RUBBER329030 R&R SQUARE 4 IN INCL PAINT077090 R&R SQUARE TUBE WELDED TRAVEL TRAILER351490 BUTTON INSTALL (REAR)367350 BUMPERS continued on next 1989-2017 Spader Business Management, Inc.7 All rights !114 Identifies jobs added in this edition - most new jobs are contributed by fewer than 3 dealers. On some bigger jobs, like removing and replacing an AquaFot system, repairing rot on a slide room, installing tank heaters on your tanks or replacing a rubber roof, I will provide you with a quote for the whole job. I 1989-2017 Spader Business Management, Inc. All rights !91 Identifies jobs added in this edition - most new jobs are contributed by fewer than 3 dealers. It protects me because there is a built in incentive for me to have the knowledge and tools necessary to perform the job at the price agreed. If I beat the flat rate time it is a win for me. If it takes me longer than it is my loss. So I charge, as much as practical, to perform a specific job and not on how long it takes me to complete the task. The flat rate guideline to remove and replace a water heater is 1 hour plus 0.5 hour to conduct an LP pressure drop test (whenever the LP gas line is opened, it is critical to conduct a leak test and a pressure drop test to ensure the integrity of the LP gas system.) So you are looking at 1.5 hours labor to remove and replace a water heater (this does not include travel or any parts). Now, let's imagine, getting to the back of your water heater, where all the plumbing connections and electrical connections are, I have to remove a bulkhead wall and your furnace. 1 Contents Acknowledgements .5 Introduction .7 Accessories .9 Alarms 9 Lift Systems 51 Audio/Visual 9 Mirrors 53 Awnings 18 Mud Flaps 54 Bedliners 26 Racks 55 Cameras 26 Running Boards 56 Central Vacuum 27 Skid Rollers 57 Controls 27 Skirting 57 Deflectors 29 Slide-Out Rooms 57 Defroster Fans 30 Small Appliances 61 Driving Lessons 30 Smoke/CO Detectors 62 Fire Extinguishers 30 Snow Plows 62 Fireplaces 30 Solar Panels 62 Generators 31 Storage Pods 63 Global Positioning Satellite 34 Tiedowns 64 Hitches 35 Toolbox 64 Horns 42 Toppers/Pickup Campers 64 Hose Carriers 42 Tow Dollies 66 Jacks & Levels 43 Underdrive 66 Ladders 51 Vents & Fans 66 RV INDUSTRY FLAT RATE MANUAL 2017 VERSION 2 1989-2017 Spader Business Management, Inc.2 All rights reserved. ELECTRICALCOMPU-TER CODEOPERATIONSUGG FLAT RATE TIMEDEALER FLAT RATE TIMEMATER-IALSTOTALLABORRATECOUNTERTOPSN EW! CAULK AROUND (ALL)377070 R&R107720 R&R (PER SQFT)107700 R&R BATHROOM333870 R&R KITCHEN COMPLETE322580 RESECURE325260 SAND OUT SCRATCHED AREA CORIAN355960 EDGE TRIM R&R325270 EDGE TRIM RESECURE325280 EXTENSION INSTALL360600 EXTENSION INSTALL FLIP-UP FACTRY MADE355970 EXTENSION INSTALL FLIP-UP SVRV MADE370990 EXTENSION INSTALL W/BACKING360610 EXTENSION R&R GALLEY107710 TOP R&R POP-UPCOLEMAN/FLEETW374730 DOORSNEW! DOOR RE-ALIGN (3) DRIVERS SIDE377980 DOOR ADJUST369140 DOOR R&R108000 DOOR R&R FOLDING108200 DOOR R&R SLIDING107890 DOOR LATCH R&R SLIDING352740 DOOR LOCK ASSY R&R352750 DOOR MIRROR R&R352760 DOOR R&R108250 DOOR R&R369130 NEW!9 DOOR CATCH R&R377680 DOORS continued on next 1989-2017 Spader Business Management, Inc. 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APPLIANCESCOMPU-TER CODEOPERATIONSUGG FLAT RATE TIMEDEALER FLAT RATE TIMEMATER-IALSTOTALLABORRATEBODY cont. You can see why the flat rate manuals are more of a guideline instead of a de-facto standard. 3 Interiors .167 Bunks 167 Floors 179 Cabinets 168 Insulation 180 Carpet 171 Interior Protection 180 Ceiling 172 Mirrors 180 Chairs 172 Sofas 180 Closets 173 Tables 181 Countertops 174 Walls 182 Doors 174 Window Coverings 183 Mechanical .189 Alignment 189 Front End 201 Alternators 189 Fuel Systems 202 Auxiliary Coolers 189 Heating/Cooling Aqua Hot 204 Belts 189 Heating/Cooling Hydro-Hot 205 Brake Magnets 190 Heating/Cooling Systems 207 Brake Shoes 191 Ignition 208 Brakes 191 Oil & Filter 209 Carburetors 195 Parking Brakes 210 Cruise Control 195 Pumps 211 Differential 196 Safety Inspections 211 Drive Shaft 196 Shock Absorbers 211 Drive Train 197 Starters 212 Engines 197 Steering 213 Estimates 199 Transmissions 214 Exhaust 199 Tune Ups 215 Plumbing .219 Drains 219 Summerization 223 Faucets 219 Tanks 223 Fittings 220 Toilets 226 Hoses 220 Valves 228 Pipes 220 Water Systems 229 Pumps 220 Winterization General 231 Showers 221 Winterization Unit 232 Sinks & Tubs 222 Predelivery.4 237 Tent Campers 238 Motorized 243 Pickup Campers 239 Van Conversions 244 Travel Trailers 240 Utility Trailers 245 Park Models 241 Used Units 246 Fifth Wheels 242 Flat Rate Updates .251 COMPU-TER CODEOPERATIONSUGG FLAT RATE TIMEDEALER FLAT RATE TIMEMATER-IALSTOTALLABORRATEGENERATORS cont. If it gets to that I will do my best to not run up the meter. Diagnostics on strange and random anomalies, that no one has been able to figure out, would be something that would be a by-the-hour rate. For job/task rates, I start with the guidelines published in the flat rate manuals, for the RV industry, and adjust accordingly. Two companies I use that produce these flat rate manuals are Spader Business Management RV Flat Rate Manual and the RVDA Service Management Guide. All rights reserved. CHASSISCOMPU-TER CODEOPERATIONSUGG FLAT RATE TIMEDEALER FLAT RATE TIMEMATER-IALSTOTALLABORRATEISOLATORS cont. If the task-at-hand is published in the service manual I will let you know ahead of time what the guideline rate pays and any adjustments I feel are necessary. There are caveats that I will explain below. Charging for my labor time in this manor protects you and it protects me. Service call charge. If you set an appointment to bring your rig to me, than there would be no service call fee involved since I didn't have to go anywhere to start working on your rig. If I have to load-up and head to your location, I charge a service call fee to offset not only my time to get to your location, but also the equipment I have to operate and maintain to support me and carry my tools to you. The farther I have to travel, the more I charge. I created a concentric ring on my area map to make the process easier than having to figure it out for each trip. All rights !174 Identifies jobs added in this edition - most new jobs are contributed by fewer than 3 dealers. Here are the caveats I referred to above. Let's use a water heater as an example. It protects you because you know ahead of time how long the job pays (whether by me or at another shop) and you don't have to watch the meter run up-your bill. If I were to only charge for my time, by the hour, than a one hour job can be s-t-r-e-t-c-h-e-d to two hours - It is not my nature to do that, but you can see how a shady tech or service center can take advantage of a 'by the hour' compensation rate. Unfortunately, it is done all the time not just with this industry. I like you to know up-front what you should expect for your money. So therein lies your protection with this compensation structure. A standard if you will. If you do call me, I will try to help you troubleshoot over the phone if it will save you and me the cost of a service call. It has been my experience though that by the time folks call me they just want me to come there and fix it no matter how 'simple' the fix is. ACCESSORIESCOMPU-TER CODEOPERATIONSUGG FLAT RATE TIMEDEALER FLAT RATE TIMEMATER-IALSTOTALLABORRATERANGES UNPACK/SET UP & TEST377020 STOVE INSTALL332850 STOVE INSTALL RVQ BRACKET ON SIDEWALL357000 CHECK & SET GAS PRESSURE056100 DIAGNOSE056500 INSTALL068800 INSTALL IN PLACE OF STOVETOP ONLY CORIAN357010 INSTALL IN PLACE OF STOVETOP ONLY WOOD LAM357020 R&R LIFT-OFF STOVE324720 R&R W/O OVEN060400 R&R W/OVEN060300 3/8 FLARE FITTING R&R328360 BURNER ASSEMBLY R&R055600 BURNER ELECTRODE ADJUST357030 BURNER ORIFICE R&R328370 BURNER VALVE R&R055700 COVER INSTALL (NOT ORIGINAL EQUIP)359270 COVER R&R131040 KNOB R&R332860 MANIFOLD ASSY R&R351200 MANIFOLD PIPE R&R056900 PIEZO IGNITION R&R055610 PILOT CLEAN & ADJUST055630 PILOT ASSEMBLY R&R055620 REGULATOR R&R IN LINE060500 THERMOSTAT INLET FITTING R&R060700 NEW!6 BURNER IGNITOR R&R (RIGHT FRONT)377420 RANGES continued on next 1989-2017 Spader Business Management, Inc. Now I also charge a one hour minimum once I arrive at your location. This is a standard practice that you will find if you look at other mobile service companies. I charge this because a lot of the initial repair is diagnostics time. Even if there is no diagnostics involved there is still administrative cost to my company to provide this service to you. The one hour minimum helps to offset these costs and if the repair only takes a few minutes, you paid for an hour, so use me for some other things you may have issues with or to discuss the laws of thermodynamics and how they apply to your A/C and refrigerator - such an exciting topic - remember I was a systems engineer for 25 years so I bring a lot to the discussion table.. On previous service calls, I have driven over an hour to replace a fuse, turn off a light in a storage compartment and simply flip a battery disconnect switch. I am going to charge the full rate for those trips because it could have been something more involved that needed a lot more firepower to fix. When I load-up and head to your location, I have no idea what solution will fix the issue. The blown fuse job was from pulling too many amps but it could have been a bad control board, that needed to be replaced, or an electrical short, that needed to be traced out and repaired. That is why the idea of an RV industry flat rate is, at best, a guideline to be adjusted accordingly. I charged \$165 to replace a fuse! I did not charge for the fuse... But consider that while I was on that service call, I lost the opportunity to serve another customer and incurred expenses to get me to you. I still checked the electrical system for any oddities and determined everything was fine - just too much power was drawn from the 12 VDC receptacle when they plugged in a 12 VDC appliance. The moral of the story, I guess, is to do some of your own detective work before you call. Another caveat is performing a repair that is not listed in the flat rate manuals. For those jobs I will try to provide a quote up front. In the end though, there are certain tasks that need to be done on an hourly basis. R&R EXTERIOR COMPARTMENT101900 CONTROLLER R&R330120 FOR DELCOTRON (ADDL)106850 RELAY DELAY R&R330130 LIGHTS LIGHT INSTALL102210 LIGHT R&R102300 FOG LIGHT INSTALL W/RELAY103140 LIGHT CONVERTER R&R335330 LIGHT RELAY R&R356750 LIGHT INSTALL COLEMAN102350 LIGHT INSTALL FD PREWIRED33540 LIGHT PLUG R&R COLEMAN131530 NEW! COMPARTMENT LIGHT LENS INSTALL377840 NEW! LIGHT DIAGNOSE377080 LIGHT INSTALL102600 LIGHT R&R 110V102500 LIGHT R&R 12V102400 LIGHT REPAIR CONTACTS102750 LIGHT BULB R&R102700 NEW! ROPE LIGHT R&R377210 LIGHT DIAGNOSE384590 LIGHT R&R COMPLETE102900 LIGHT LENS R&R103000 LIGHTS INSPECT ANNUAL356780 LIGHTS RESEAL322360 LIGHTS continued on next 1989-2017 Spader Business Management, Inc.8 All rights !152 Identifies jobs added in this edition - most new jobs are contributed by fewer than 3 dealers. RV manufacturers don't always make it easy on the tech to make a repair. There has been many times where the cost to gain access to a repair exceeds the cost of the actual repair. On one job, to replace a \$2.50 water fitting I had to remove a toilet, washer/dryer closet frame, washing machine and the floor of the washer closet just to get to the fitting. That did not include the time it took to locate the leak and figure out how to get to it. Then I had to put it all back together! That was a very expensive repair in the end. Any RV Service Center will tell you that those published rates are guidelines, and not concrete prices to perform a specific task. The manuals themselves state this as well on the first few pages, but it is a fair starting point. The automotive and trucking industries have standardized flat rate manuals because their industries are more standardized on repairs. There is nothing standard about fixing an RV.

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