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A propane furnace is a fantastic thing to have in an RV - as long as it's working between the turning up of the thermostat and the heat flowing through through through through the furnace in any home. But, between the turning up of the thermostat and the heat flowing through through through through the furnace in any home. But, between the turning up of the thermostat and the heat flowing through through through through the furnace in any home. But, between the turning up of the thermostat and the heat flowing through through through through through through the furnace in any home. But, between the turning up of the thermostat and the heat flowing through through through through through the heat flowing through 
the RV a series of events occurs that not only creates heat for your rig but also protects you from any harm that could come from the combination of a flame and some propane. This includes two safety switches - the sail switch, and the high-limit switch. In this post, we're taking a closer look at the RV furnace sail switch - what it does, how it works,
how you'll know if it needs cleaning or replacement, and how to do it. Let's go! How Does an RV Propane Furnace Work? An RV propane furnace is a forced-hot-air system that requires a thermostat, a control board, a relay, a blower motor, sail switch, high-level switch, ignitor, and some ductwork. To activate the system, you set the thermostat higher
than the RV's current temperature, which activates the blower motor. A propane burner generates heat, and air drawn in from the furnace and is then distributed throughout the RV through the ducts. 12V electricity is required to turn on the furnace and
to operate the fans. The exhaust gases created by the combustion process are vented to the outside of the RV through vents that look something like this: These are the Suburban furnace vents on the exterior of our Newmar Mountain Aire. If you have an Atwood or Dometic RV furnace, your vents make look a bit different. What Is a Sail Switch? The
sail switch is the first of two safety switches in the system. It exists to prevent the furnace from even trying to ignite if the blower fan can't run at the proper speed. This can happen under certain circumstances, including if your RV's house battery bank is discharged too low to run the fan at full speed. The sail switch senses when the blower motor's
fan is moving air at the proper speed. If the switch does NOT sense proper fan speed, the furnace won't fire. And that's a good thing! Your sail switch is an important part of your RV propane furnace because it tells you that something isn't right, AND it doesn't allow the flow of propane (required for the furnace to light) under circumstances that
aren't optimal. If the sail switch doesn't sense that the blower fan is running at the proper speed, and this proof is made by the sail switch. The second thing your
furnace has to determine in order to ignite is that its high-temperature limit switch, (sometimes referred to as the "furnace plenum thermostat"), hasn't been tripped. This safety switch will cut the propane supply if the burner temp exceeds safe levels. Essentially, 12V electricity will not make it to the control circuit to ignite the furnace unless both of
these switches respond appropriately when the furnace is turned on. Where Is the Sail Switch Located on an RV Furnace? The sail switch is located in the duct where it overrides the gas valve of the burner. If you have an access panel for your RV's furnace giving you access from the outside wall of the RV, the sail switch is easiest to access and
remove for cleaning or replacement. The following wiring diagram gives you an overview of the location of the sail switch and all other components of an RV furnace, as well as the path the circuit takes to drive the heat. This diagram
offers an overview of the components of an RV furnace, as well as the path the circuit takes to drive the heat. This diagram and photo credits: Atwood/Dometic furnace, but placement should be similar on a Suburban furnace. (Diagram and photo credits: Atwood/Dometic furnace, but placement should be similar on a Suburban furnace.)
Atwood, Suburban, and Dometic RV furnaces are all very similar: No products found. If you need to replace the sail switch in your RV furnace, be sure to consult your owner's manual to make sure you're ordering the appropriate switch for your furnace. For additional information on how to troubleshoot your RV furnace if it isn't putting out any heat,
please see our post, "My RV Furnace Fan Runs But There's No Heat! Now, What?" How Do I Know If My RV Furnace Sail Switch is Bad? If you turn up your thermostat and you hear the furnace turn on, go through its initial 15-second startup phase, and then either stop running altogether or continue blowing only cold air, you'll have confirmed that it
has attempted to light but hasn't been successful in getting past the sail switch. This can happen if your RV's house batteries are too weak to spin the blower motor fast enough to create sufficient airflow for the sail switch to activate. This causes the furnace to blow cold air. There's also a system of fault lights on the control board (Ignition Control
Diagnostics) to assist with troubleshooting. Your owner's manual will give you the fault codes for your particular furnace, but in general, if the blower comes on and about 30 seconds later turns off on its own, and you see a single flash, it's very likely that the sail switch is either dirty or needs to be replaced. How Do I Test My RV Furnace Sail Switch?
You can test the sail switch with a multimeter set to ohms. You'll want to close/trigger the sail switch by hand, and then take your reading. If your sail switch
is good, then with the circuit closed you'll have a reading of between 0.0 - 0.2 ohms. Remember that the sail switch is essentially an opening in the electrical circuit. So, that's what you're doing when you close the circuit by hand in order to test it. Can I
Clean My RV Furnace Sail Switch? Yes, you can. Dust, animal hair, bug nests, or other debris can collect on a sail switch on hand in case yours needs to
be replaced, particularly if you use your RV in very cold weather. Can I Replace My RV Furnace Sail Switch Myself? Yes, you can! Once you've located and removed the sail switch, it's not difficult to replace it. As always, we suggest taking a photo before removing any wires so that you've got something to fall back on if you need it. Though not related
to the function of the sail switch, you may also want to consider the easy installation of screens on the furnace vents on the outside of your RV to prevent things like mud daubers from building nests, etc., and dust, dirt, and debris from collecting. They can really make a world of difference. Our vents take these covers, but you can also buy a set of a
variety of screen covers for your rig. Have You Ever Replaced Your RV Furnace's Sail Switch? So tell us - have you ever found yourself with a failed RV furnace sail switch that required either cleaning or replacement? We'd love to hear about your experience. And again - if you're in a situation where your furnace is running but isn't providing any
heat, check out this post where we cover a variety of troubleshooting issues for RV furnaces. Free RVing Tips, Tricks, Reviews & Giveaways As 20-year full-timers, we share everything we've learned about RVing over the years. Join our online community to receive a wealth of great RVing knowledge delivered daily to your inbox. Whether you're a new
RVer or a seasoned full-timer, you'll love the wide range of RVing topics we cover. Don't miss a single article or any of our famous Giveaways. Subscribe to our newsletter today! A propane furnace is a fantastic thing to have in an RV - as long as it's working. When it's working properly, you turn up the thermostat and a few seconds later, heat is
moving through the heating ducts and warming your RV's living space, just like the furnace in any home. But, between the turning up of the thermostat and the heat flowing through the RV a series of events occurs that not only creates heat for your rig but also protects you from any harm that could come from the combination of a flame and some
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a heat exchanging surface. As it passes by that surface it becomes heated and is then distributed throughout the RV through the ducts. 12V electricity is required to turn on the furnace and to operate the fans. The exhaust gases created by the combustion process are vented to the nutside of the RV through the ducts. 12V electricity is required to turn on the furnace and to operate the fans. The exhaust gases created by the combustion process are vented to turn on the furnace and to operate the fans.
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RV furnace has to confirm two things before it can ignite. The first is that the blower fan is running at the proper speed, and this proof is made by the sail switch. (sometimes referred to as the "furnace plenum thermostat"), hasn't been tripped.
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order to allow current to pass through it, the switch needs to close to complete the circuit. So, that's what you're doing its job. If you find you find you find you can. Dust, animal hair, bug nests, or other debris can collect on a sail switch making it incapable of doing its job. If you find you 
have a dirty sail switch, cleaning it may be all you need to get your furnace working again. However, it's not a bad idea to keep an extra sail switch on hand in case yours needs to be replaced, particularly if you use your RV in very cold weather. Can I Replace My RV Furnace Sail Switch Myself? Yes, you can! Once you've located and removed the sail
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that required either cleaning or replacement? We'd love to hear about your experience. And again - if you're in a situation where your furnaces. Free RVing Tips, Tricks, Reviews & Giveaways As 20-year full-timers, we share
everything we've learned about RVing over the years. Join our online community to receive a wealth of great RVing knowledge delivered daily to your inbox. Whether you're a new RVer or a seasoned full-timer, you'll love the wide range of RVing topics we cover. Don't miss a single article or any of our famous Giveaways. Subscribe to our newsletter
today! Unfortunately, RVs can require emergency repairs. Mobile repair may be your best (or only) option, so use RVHelp.com to get fixed up fast!When the dog days of summer hit, we could all use some great tips on how to stay cool in an RV without air conditioning!Manage your travel plans with free national park days in 2025. Make the most of
your national parks without entrance fees. Discover more! Enjoy CATastrophe-free travels with your feline friends! We share tips for creating a cozy & safe environment in your RV for your next trip can be easy! Planning to visit some
of the US's magnificent national parks this summer? Learn which ones will require reservations or timed entry fees. Join the RV entrepreneurial movement! Find out how to balance work and travel with our essential RV business guide. Say goodbye to bumpy rides! Upgrade your RV with Liquid Springs active suspension system for a smooth ride. We
cover benefits, costs & more. Crossing the border from the US into Canada with your RV? Explore our tips for seamlessly clearing customs & immigration. Don't get to your destination to find the contents of the fridge on the floor! Try these tips to keep your fridge doors closed when driving. Discover the fascinating story behind KOA, what it stands for,
and what it represents to campers. Dive with us into KOA's world of camping!Destination trailers have become quite popular. Why? What makes them different from travel trailers and other RVs? We've got answers!Moisture build-up under your RV's mattress can lead to mold that can cause odors, damage, and health problems. Learn how you can
prevent it!RV mattresses are weird sizes and can be hard to get a fitted sheet onto. QuickZip sheets zip on and off in a jiffy and without the struggle!We wish it were otherwise, but trailer theft is a thing. When leaving your trailer parked/stored, be sure it's properly secured. Here's how!Got an RV with an older stereo, but want to wirelessly play music
from your smartphone or tablet? We've got you covered with ways to upgrade! Thinking of a dash cam for your truck/RV? There's lots to know about, so let us help! Learn the most important features + models to consider.RVs have many residential features, but adding house plants make your house-on-wheels feel like home. These ten plants do well
on the road. From store-bought combustibles to flints to a DIY firestarter you can make at home, we've got you covered so your campfire gets lit quickly. Finding local storage for your RV can be a real challenge. Peer-to-peer service, Neighbor.com, could be the answer to your troubles. There are a lot of options when it comes to tonneau covers for truck
beds. We cover the options and go over why we chose the BAKFlip MX4. Keep your car or truck looking great & shielded from your active lifestyle with stowable RVs, has now entered the motorized market. Check out their first product, the Lineage Class C
RV.Driving around in, or towing, a vehicle with glazed brakes can be seriously dangerous. What are glazed brakes & what to do about them? Let us create a Safe Bet Adventure for you. A Safe Bet adventure is a custom-tailored holiday. We do all the work. You spend your time exploring the world, not the internet. With a Safe Bet Adventure, the
vacation of your dreams becomes a reality. We offer an a la carte personal High Roller Host service to save you time. The High Roller Host service is designed to help you with your one off travel wants. We provide our time to be your personal travel assistant. From research and recommendations for unique accommodations (Airbnb, VRBO, bed and
breakfasts) to a day by day guide for your trip to the best value for your point balances, we use our knowledge and network to help you create your own unique experiences. The average traveler spends 40 hours planning a vacation. A sail switch is a very important component for the safety of the
electric appliances on your RV. It saves you and your RV from lots of dangers. The Dometic sail switch as well. If you ever face problems with the Dometic sail switch it can be dangerous at times depending on what kind of
problem you face. That's why you should know all the details about this sail switch problems. However, there are always some exceptions that can happen. Here is a list of common problems of Dometic sail switch- Due to its lack of a filter
and its placement beneath refrigerators or in other low-lying areas, the air supply chamber is an entry point for dirt, trash, and other debris. This may result in the sail switch, being filthy and unable to notify the furnace system and try to fix it
all by yourself. Because there are lots of things closely linked to it. Thus, you should talk to a professional for cleaning and fix the problem. Whenever there is cold air coming from the furnace instead of heating it you should know that there is a low battery and
stops the ignition process. Hence, when you are trying to switch on the furnace it is not working. This may be the main issue of the faulty furnace. The main fix for the problem is to recharge your battery. but if the battery is not charging anymore
you have to think about testing it. If you have the proper equipment to check if the battery is good or has gone bad, you can do it at home. However, you can also take it to a battery shop for checking and replacement. If your sail switch is totally out then the furnace will not work. And sometimes the whole electric system will stop functioning. The
damaged sail switch can turn out like that if there is a short circuit or something happened like an electric surge, etc. You can always see that when the Dometic sail switch. When a sail switch dies there is not much that you can do about
it. You can try to repair it. But the cost-benefit will always tell you that instead of trying to repaired stops working that will be a serious issue. Now if your sail switch is down and you cannot turn on the furnace it would be a big
issue and there is a way to fix it. You can bypass the sail switch which will reduce the safety but it will provide you need for the time being till you get to fix the sail switch. But remember that it can be quite dangerous and may need expert hands to move and fix it. Here is how you do it- First, remove the furnace from its position
Remember to turn off the gas line otherwise, it will fill your RV. Always be cautious while removing the pipes and the wires because they can be quite fragile. And if you accidentally rip off any wire it can cost you later. Remove the sail switch from the furnace and you will get two wires. After that, you can use tape to connect those wires to the
generator line. This can be quite dangerous and it is advised that you do not attempt this because there are plenty of wires and connections and different models have different types of systems. If you have connected the generator to the furnace, it should work now. And you can enjoy the warm air on a cold night. However, you should always contact
a professional for any help with the sail switch as electric and fire-related systems can be dangerous. If you need to test the sail switch is open, the multimeter's red and black pins to the switch's two contacts. As long as the sail switch is open, the multimeter shall display "OL" (open line). Shut it
manually before beginning the measurement. A sail switch is turned on or off in reaction to the airflow or lack of a fluid, like air or water. Usually, a blade or a diaphragm, which is moved by the pressure of fluid or air passing by it, is used to control a sail switch. A sail switch is a tool for air testing. It serves as a protective feature and won't allow the
ignition to start till it detects 3 quarter of the motor's rpm. It guarantees that the ignition disk is spinning quickly enough for the right amount of air and gas to be mixed together for a seamless ignite. A Dometic sail switch is a great option for your safety switches for a furnace or another electric device that needs ignition. Also, it is quite durable and the right amount of air and gas to be mixed together for a furnace or another electric device that needs ignition.
there are very few cases where it breaks down. However, if you have trouble with your sail switch you should check why it is happening and if necessary, take professional help. Last updated on October 30th, 2023 at 06:27 am All of our reviews are based on exhaustive research, industry experience and whenever possible, hands-on testing. When you
make a purchase using one of our chosen links we'll receive a small percentage of the proceeds. This supports the site and keeps Jeffsetter running. You can read more here. When we travel in our RVs during the winter, we're usually trying to enjoy snow, late-night campfires, and a ton of fun adventures, not necessarily the cold itself! Getting cold in
an RV can be uncomfortable and cause problems for RVs such as freezing pipes. Luckily, your RV's furnace is designed to help combat this and keep both you and your rig warm during winter weather. But what should you do if an RV furnace is blowing cold air? The most common cause of a furnace blowing cold air is an issue with the sail switch.
When there is a problem with the sail switch, the furnace is unable to ignite and blows cold air instead. Lack of fuel, problems with the ignition itself, or the furnace. 4 Reasons Why An RV Furnace Is Blowing Cold Air RVs
are fantastic rigs that allow us to travel extensively with the comforts of home. Staying warm is a key part of RVing, especially during the colder months, but what do you do if your RV furnace is blowing cold air? There are a few different reasons for an RV furnace not working as it should. Chances are, with a little troubleshooting, you'll be able to
diagnose your furnace issues and get cozy in no time! Reason 1: Sail Switch Sail switches are found in many different heating appliances, from stoves and furnace and can also detect if liquid is present prior to ignition which has a major role in fire
prevention. When an RV furnace is blowing cold air, the sail switch may be the cause of the problem. The sail switch may be damaged, which is often just the result of common wear and tear, as discussed in the video below: If this is the cause, it's time for a new switch! Sail switches can also stop working if they become blocked with dust, dirt, or pet
fur. Cleaning the switch should resolve this issue, and keeping it clean in the future will help prevent further RV furnace problems. Lack of power can also be the cause of a sail switch and even the blower itself in the furnace likely won't run properly. Reason 2: No Fuel It
may seem obvious, but with so much going on at the campground, it can be easy to forget about gas. If you've run out of propane, the furnace won't be able to ignite and will therefore be unable to produce any warm air. Thankfully, this is a simple fix, and you likely won't forget to get propane again! Reason 3: Ignitor Problems with the ignitor can
also be the cause of an RV furnace blowing cold air. In propane and other gas furnaces, the air is heated by gas that's sent to the combustion chamber and ignited by a spark. To know if the problem is with the ignitor simply start up your furnace. If you hear a ticking sound in the beginning, then you're good to go! If not, then you know the ignitor isn't
working. It's then wise to check both the ignitor and the gas chamber of the furnace. Check the furnace replaced. It's a good idea to also check the furnace's insulation for the same reasons. Damage to the insulation or gas chamber will need to be fixed, or the furnace replaced.
Reason 4: Propane An RV furnace that uses propane to produce heat can have a few specific problems resulting in cold air being blown through instead of hot. Camping during extremely low temperatures, well below freezing point, can make propane more vulnerable. Often, it will begin to liquefy in the extreme cold and this means there's no gas to
be ignited. Additionally, the newly added moisture in the furnace may cause different parts like the valve or regulator to freeze. It's a good idea to have electric heaters on hand or a generator-powered backup if you have a propane furnace in case the worst happens and there's no gas for the furnace! 2 Reasons Why An RV Furnace Is Blowing
Lukewarm Air So, your RV furnace isn't blowing cold air, but it isn't blowing hot air either! If you've got an RV furnace that's blowing lukewarm air, there are a few likely culprits. It's worth trying to get to the bottom of the problem sooner rather than later as a cold RV when temperatures drop isn't fun. Thermostat Occasionally, the cause of a
problem can be really simple, and if you've got an RV furnace blowing lukewarm air, it may just be the thermostat should be set on auto as it then uses an array of sensors to blow hot air when the RV reaches an indicated
temperature. If the thermostat is set to the 'on' position, the furnace won't know when to make this distinction and may not always blow warm air. It can become clogged with dirt and dust like a sail switch if it's not kept clean. Luckily
cleaning or even replacing a faulty air filter is easy, just be sure to choose a filter compatible with your RV's furnace. An incompatible filter can be another reason for a furnace BV furnace are a game-changer for cold, drizzly days, but things won't get any warmer if the
furnace is blowing cold air instead of hot! If you've explored the potential causes of an RV furnace not working and have concluded that it's time for a new one, there's a lot to consider! Size It may seem obvious, but just like with anything in an RV, it's wise to measure and check everything will fit into place! RVs can be pretty small, and everything
tends to fit snuggly, and the same rules apply to a new RV furnace. Depending on your rig, it may be possible to relocate the furnace and put the new one in a different spot. This may require some professional help during the installation which will increase the overall spend, but the furnace will be installed safely and securely. Direct vs. Ducted
Furnace The type of furnace you choose in your camper van is a big decision! The next thing you'll want to figure out whether a direct or ducted furnace will work better is to simply take a look at your RV. If your rig is on the smaller side, a direct furnace will
work best, whereas larger rigs will suit a ducted furnace better. This is because direct furnace blow air from a single large faceplate on the front of the unit. A ducted furnace is what most are used to, with different vents along both the ceiling and roof blowing air throughout the entire rig which is ideal for large RVs. Propane Usage If you're looking
to replace your furnace with a new propane-powered one, it's wise to be aware of propane usage beforehand. Most RV furnaces use around 92,000 BTUs, so simply multiply this by the gallons in your propane tank, then divide the figure by the BTUs used by your
furnace. This will give you the amount of propane you need to power your furnace. Carbon Monoxide Detector While seemingly unrelated to the furnace. A working carbon monoxide detector is vital in an RV as carbon monoxide is a byproduct of the
combustion process in propane furnaces that heat the air. In small amounts it's harmless, but in case of a problem with the furnace and large amounts of carbon monoxide are released, you need to know. Not having a functioning alarm means you're putting yourself and loved ones at risk of carbon monoxide poisoning which poses a plethora of
dangers. With all this in mind, you'll absolutely be set to make the best decision for you and your rig when replacing your RV furnace. Closing Thoughts An RV furnace blowing cold or lukewarm air can be frustrating, especially when camping during the sail switch and air filter clean
and ensuring you have enough propane on board are great ways of preventing future problems with an RV furnace. Keeping on top of RV maintenance will lead you to happy camping for you and your loved ones in the future. Keep a close eye on your furnace, as it often gets forgotten about, but you'll soon know something's wrong when it stops
blowing warm air! Changing the Sail Switch on an RV Furnace: A Step-by-Step Guide If you're experiencing issues with your RV furnace, it could be due to a faulty sail switch on an RV Furnace. A Step-by-Step Guide If you're experiencing issues with your RV furnace, it could be due to a faulty sail switch on an RV Furnace.
straightforward process that can be done with just a few simple tools. In this article, we'll walk you through the steps involved in changing a sail switch, let's take a moment to understand what it does. The sail switch is essentially an airflow
sensor that detects when air is flowing through the furnace. It's located near the blower motor and is activated by a small metal plate (or "sail") that moves as air passes by. When the sail moves, it triggers an electrical circuit that turns on the blower motor and starts the heating process. What You'll Need Before you get started, make sure you have
these tools and materials on hand: Replacement sail switch Screwdriver (Phillips or flathead, depending on your furnace model) Needle-nose pliers Wire cutters/strippers Electrical tape Clean cloth or rag Step-by-Step Guide to Changing Your Sail Switch Now that you have all your tools ready, let's get started with changing your sail switch. Step 1:
Turn off Power Supply The first thing you'll need to do is turn off the power supply to your furnace. This is important for safety reasons and will prevent any accidental electrical shocks or damage to the unit. Step 2: Locate the Sail Switch The sail switch is typically located near the blower motor, but its exact position may vary depending on your RV
 furnace model. Refer to your furnace manual or consult an expert if you're unsure where to find it. Step 3: Disconnect Wires Using your needle-nose pliers, carefully disconnect them later. Step 4: Remove Old Sail Switch Next, use your
screwdriver to remove the old sail switch from its housing. Be gentle but firm as you unscrew it and remove it from its mount. Step 5: Install New Sail Switch Take your replacement sail switch and install it in place of the old one. Make sure it's secured tightly in its housing and that all screws are tightened firmly. Step 6: Reconnect Wires Reconnect
the wires you previously disconnected, making sure to attach each wire to its corresponding terminal. Step 7: Test Your Furnace Before turning on the power supply, give your furnace a quick test by turning up the thermostat. If everything is working correctly, you should hear the blower motor kick on and feel warm air coming from your vents. In
Conclusion Replacing a sail switch on an RV furnace isn't overly complicated, but it does require some basic knowledge of electrical systems and tools. If you're uncomfortable with any aspect of this process, don't hesitate to consult a professional or seek out additional resources online. By following these steps carefully and taking the necessary
precautions, you can have your furnace up and running again in no time. Changing the sail switch on a Dometic RV furnace may seem like a daunting task, but with the right tools and knowledge, it can be a straightforward process. The sail switch is an essential component of the furnace that detects airflow and ensures safe operation. If you notice
that your furnace is not functioning properly or not producing enough heat, a faulty sail switch could be the culprit. If you own an RV furnace. But what is it, and why is it important? Let's dive into the details of this essential component of your RV heating system. A sail
switch is an important component of an RV furnace. It is a safety feature that ensures the proper functioning of the furnace. When it comes to RV furnaces, there are several components that works, and why it is important for your RV furnace. When it comes to RV furnaces, there are several components that works are several components.
together to ensure efficient and safe operation. One such component is the sail switch. If you own an RV, you probably know that a furnace is essential to keeping your home on wheels warm and comfortable during the colder months. However, have you ever heard of a sail switch? In this article, we will discuss what a sail switch does in an RV furnace
and why it is important. The sail switch is an important component of an RV furnace that helps to ensure the safe and efficient operation of the unit. In this article, we will explore what a sail switch is a sail switch is a sail switch is an important component of an RV furnace is an important component of the unit. In this article, we will explore what a sail switch is a sail switch is a sail switch is an important component of the unit. In this article, we will explore what a sail switch is a sail switch is an important component of the unit. In this article, we will explore what a sail switch is an important component of the unit. In this article, we will explore what a sail switch is a sai
step in ensuring the proper functioning of your heating system. The sail switch is a safety device that detects the presence of air flow, preventing the process of testing a sail switch on your RV furnace., the free encyclopedia that anyone can edit.
117,922 active editors 6,999,761 articles in English The first UK Phantom on a test flight in 1968 From 1968 to 1992, the United Kingdom used the McDonnell Douglas F-4 Phantom II as one of its principal combat aircraft. The Phantom was procured to serve in both the Royal Navy's Fleet Air Arm and the Royal Air Force (RAF) in several different
roles. Most Phantoms operated by the UK were built as a special batch containing a significant amount of British technology. Two variants were initially used by the RAF for tactical strike and reconnaissance, before transitioning to an air
 defence role in the 1970s. In the mid-1980s, a third Phantom variant was obtained when fifteen former US Navy F-4J aircraft were purchased to augment the UK's air defences. Although the Fleet Air Arm ceased using the Phantom in 1978, the RAF retained it until 1992, when it was withdrawn as part of a series of post-Cold War defence cuts.
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(pictured) is elected as president of Romania. In the Portuguese legislative election, the Democratic Alliance wins the most seats in parliament. Austria, represented by [J] with the song "Wasted Love", wins the Eurovision Song Contest. A tornado outbreak leaves at least 27 people dead in the Midwestern and Southeastern United States. Ongoing:
Gaza war M23 campaign Russian invasion of Ukraine timeline Sudanese civil war timeline Recent deaths: Charles Rangel Jim Irsay Yury Grigorovich Yuri Vladimirov Colton Ford Werenoi Nominate an article May 27 Manchu Prince Dorgon (depicted) defeated rebel leader Li Zicheng of the Shun dynasty at the Battle of
Shanhai Pass, allowing the Manchus to enter and conquer the capital city of Beijing. 1799 - War of the Second Coalition: Austrian forces defeated the French Army of the Danube, capturing the strategically important Swiss town of Winterthur. 1954 - The security clearance of American nuclear physicist J. Robert Oppenheimer, head of Project Y, was
revoked, 1967 - Australians voted overwhelmingly to include Indigenous Australians in population counts for constitutional purposes and to allow the federal government to make special laws affecting them in states, 1997 - A destructive F5-rated tornado tracked through a subdivision of homes northwest of Jarrell. Texas, killing 27 people. Diego
Ramírez de Arellano (d. 1624) Julia Ward Howe (b. 1819) Cilla Black (b. 1943) Gérard Jean-Juste (d. 2009) More anniversaries: May 26 May 27 May 28 Archive By email List of days of the year About Anemonoides blanda, the Balkan anemone, Grecian windflower, or winter windflower, is a species of flowering plant in the family Ranunculaceae. The
species is native to southeast Europe and the Middle East. It grows up to 10 to 15 centimetres (4 to 6 inches) tall and is valued for its daisy-like flowers, which appear in early spring, a time when little else is in flower. The flowers are found in various colors and are radially symmetrical, containing seven or more sepals and petals. This purple
A. blanda flower was photographed in Bamberg, Germany. Photograph credit: Reinhold Möller Recently featured: Bluespotted ribbontail ray Black Lives Matter art Germanicus Archive More featured pictures Community portal - The central hub for editors, with resources, links, tasks, and announcements. Village pump - Forum for discussions about
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largest are listed below. 1,000,000+ articles ולעניגة Deutsch Español العربية Erançais Italiano Nederlands 日本語 Polski Português Pyccκий Svenska Українська Tiếng Việt 中文 250,000+ articles Bahasa Indonesia Bahasa Melayu Bân-lâm-gú Български Català Čeština Dansk Eesti Ελληνικά Esperanto Euskara שׁנישני ζωμτριξί Magyar Norsk bokmål
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citations for verification. Please help improve this article by adding citations to reliable sources: "1644" - news · newspapers · books · scholar · ISTOR (August 2016) (Learn how and when to remove this message) Calendar year Years Millennium 2nd millennium Centuries 16th century
17th century 18th century Decades 1620s 1630s 1640s 1650s 1660s Years 1641 1642 1643 1644 1645 1646 1647 vte July 1: The Battle of Colberger Heide is fought between Sweden and Denmark-Norway off of the German coast. July 2: Parliament wins control of northern England from King Charles in the Battle of Marston Moor. 1644 by topic Arts
and science Architecture Art Literature Music Science Leaders State leaders Colonial governors Religious leaders Birth and death categories Establishments - Disestablishments Works category Works vte 1644 in various calendars Gregorian calendar 1644 MDCXLIVAb urbe
condita2397Armenian calendar1093@4 N19Assyrian calendar2594English Regnal year19 Cha. 1 - 20 Cha. 1Buddhist calendar1050-1051Berber calendar1006Byzantine calendar7152-7153Chinese calendar394Balinese saka calendar1565-1566Bengali calendar1050-1051Berber calendar1090Byzantine calendar1050-1051Berber calendar1050-1051B
(Wood Monkey)4342 or 4135Coptic calendar1360-1361Discordian calendar2810Ethiopian calendar1636-1637Hebrew calendar5404-5405Hindu calendar1644Igbo calendar1464Igbo calendar644-645Iranian calendar1022-1023Islamic calendar1053-1054Japanese
calendarKan'ei 21 / Shōhō 1(正保元年)Javanese calendar1565-1566Julian calendar977Minguo calendar3977Minguo calendar2186-2187Tibetan calendar176Thai solar cal
1644 (MDCXLIV) was a leap year starting on Friday of the Gregorian calendar, the 1644th year of the 2nd millennium, the 44th year of the 1640s decade. As of the start of 1644,
the Gregorian calendar was 10 days ahead of the Julian calendar, which remained in localized use until 1923. Calendar year It is one of eight years (CE) to contain each Roman numeral once (1000(M)+500(D)+(-10(X)+50(L))+(-1(I)+5(V)) = 1644). Kolumna Zygmunta erected. January 22 - The Royalist Oxford Parliament is first assembled by
King Charles I of England.[1] January 26 - First English Civil War: Battle of Nantwich - The Parliamentarians defeat the Royalists, allowing them to end the 6-week siege of the Cheshire town.[2] January 30 Dutch explorer Abel Tasman departs from Batavia in the Dutch East Indies (modern-day Jakarta in Indonesia) on his second major expedition for
the Dutch East India Company, to map the north coast of Australia. Tasman commands three ships, Limmen, Zeemeeuw and Braek, and returns to Batavia at the beginning of August with no major discoveries. Battle of Ochmatów: Polish-Lithuanian Commonwealth forces under hetman Stanisław Koniecpolski secure a substantial victory over the
horde of Crimean Tatars under Tugay Bey. February 5 - The first livestock branding law in America is passed in Connecticut.[3] March 24 - Roger Williams is granted an official grant for his Rhode Island Colony from the Parliament of England, allowing the establishment of a general assembly. April 18 - Opchanacanough leads the Powhatan Indians
in an unsuccessful uprising against the English at Jamestown. Although 300 of the English colonists are slain, the settlers pursue Opchanacanough, who is imprisoned in Jamestown for the rest of his life.[4] This is the last such Indian rebellion in the region. April 25 - A popular Chinese rebellion led by Li Zicheng sacks Beijing, prompting Chongzhen,
the last emperor of the Ming dynasty, to commit suicide. May 6 - Johan Mauritius resigns as Governor of Brazil.[3] May 25 - Ming general Wu Sangui forms an alliance with the invading Manchus through towards the capital Beijing. May 26 - Battle of Montijo:
The Kingdom of Portugal is victorious over Habsburg Spain, in the first major action between the two nations during the Portuguese Restoration War. May 27 - Battle of Shanhai Pass: The Manchu Qing dynasty and Wu Sangui gain a decisive victory over Li Zicheng's Shun dynasty. June 3 - Li Zicheng proclaims himself emperor of China. June 6 - The
invading Oing army, with the help of Ming general Wu Sangui, captures Beijing in China, marking the beginning of Manchu rule over China proper, Iune 11 - During the English Civil War, Prince Rupert and his men take Liverpool Castle, [5] Liverpool is later reclaimed by Sir John Moore, July 1 - Torstenson War; Battle of Colberger Heide - The Dano-
Norwegian and Swedish fleets fight a naval battle off the coast of Schleswig-Holstein. The battle is indecisive but represents a minor success for the Dano-Norwegian fleet. July 2 - English Civil War: Battle of Marston Moor - The Parliamentarians crush the Royalists in Yorkshire, ending Charles I's hold on the north of England. [6] September 1 -
English Civil War: Battle of Tippermuir - Montrose defeats Lord Elcho's Covenanters, reviving the Royalist cause in Scotland. September 2 - English Civil War: Second Battle of Lostwithiel (in Cornwall) - Charles I and the Royalists gain their last major victory.[7] September 15 - Pope Innocent X succeeds Pope Urban VIII, becoming the 236th pope.[8]
October 1 - The Jews of Mogiley, Polish-Lithuanian Commonwealth, are attacked during Tashlikh. November 8 - The Shunzhi Emperor, the second emperor to rule over China proper. November 23 Battle of Jüterbog (December 3 New Style):
Sweden's forces defeat those of the Holy Roman Empire. Areopagitica, an appeal for freedom of speech written by John Milton, is published in London. November - The Castle of Elvas in Portuguese Restoration War. December 18 New Style) - As Christina comes of age, she is made
ruling queen of Sweden. December - Bubonic plague breaks out in Edinburgh (Scotland). A Spanish officer is murdered in St. Dominic's Church, Macau during mass by colonists loyal to Portuguese Restoration War. Sigismund's Column is erected in Warsaw to commemorate King Sigismund III Vasa, who moved the capital of
Poland from Kraków to Warsaw in 1596. Philosophiae (Principles of Philosophiae (Principles of Philosophiae) in Amsterdam. The opera Ormindo is first performed in Venice (music by Francesco Cavalli, and libretto by Giovanni Faustini). The West India Company[which?] displays greater interest in profit than in colonization.[vague]
Thomas Britton Veit Hans Schnorr von Carolsfeld Otto Mencke Henry Winstanley Henrietta of England January 10 Louis François, duc de Boufflers, Marshal of France (d. 1711) Celestino Sfondrati, Italian Catholic cardinal (d. 1696) January 11 - Hayashi Hōkō, Japanese
philosopher (d. 1732) January 14 - Thomas Britton, English concert promoter (d. 1714) January 25 - Antoine Thomas, Jesuit missionary priest and astronomer (d. 1709)[9] January 26 - Thomas Boylston, American colonial doctor (d. 1710) January 27 - Antoine Thomas, Jesuit missionary priest and astronomer (d. 1709)[9] January 26 - Thomas Boylston, American colonial doctor (d. 1710) January 27 - Antoine Thomas, Jesuit missionary priest and astronomer (d. 1709)[9] January 26 - Thomas Boylston, American colonial doctor (d. 1708) January 27 - Antoine Thomas, Jesuit missionary priest and astronomer (d. 1709)[9] January 28 - John Britton, English concert promoter (d. 1708) January 28 - Antoine Thomas, Jesuit missionary priest and astronomer (d. 1709)[9] January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 28 - John Britton, English concert promoter (d. 1708) January 29 - John Britton, English concert promoter (d. 1708) January 29 - John Britton, English concert promoter (d. 1708) January 20 - John Britton, English concert promoter (d. 1708) January 20 - John Britton, English concert promoter (d. 1708) January 20 - John Britton, English concert promoter (d. 1708) January 20 - John Britton, English concert promoter (d. 1708) January 20 - John Britton, English concert promoter (d. 1708) January 20 - John Britton, English concert promoter (
1695) February 2 Isaac Chayyim Cantarini, Italian rabbi (d. 1713) Johannes Hancke, German writer (d. 1713) February 7 - Nils Bielke, member of the High Council of Sweden (d. 1713) February 8 - Pierre de La Broue, American bishop (d. 1720) February 7 - Nils Bielke, member of the High Council of Sweden (d. 1713) February 24 - Maria Elisabeth
Lämmerhirt, German mother of Johann Sebastian Bach (d. 1694) March 1 - Simon Foucher, French polemicist (d. 1705) March 15 - Veit Hans Schnorr von Carolsfeld, German iron and cobalt magnate (d. 1715) March 15 - Veit Hans Schnorr von Carolsfeld, German iron and cobalt magnate (d. 1707) Sir
James Rushout, 1st Baronet, English politician (d. 1703) April 6 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1721) April 7 Nathaniel Johnson, American politician (d. 1703) April 6 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1721) April 7 Nathaniel Johnson, American politician (d. 1703) April 7 Nathaniel Johnson, American politician (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1721) April 7 Nathaniel Johnson, American politician (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1703) April 7 Nathaniel Johnson, American politician (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general, governor-general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, Portuguese general of Brazil (d. 1703) April 8 - António Luís de Sousa, 2nd Marguis of Minas, 2
1713) François de Neufville, duc de Villeroy, French soldier (d. 1730) April 11 - Marie Jeanne Baptiste of Savoy (d. 1724) April 17 - Abraham Storck, Dutch painter (d. 1708) May 2 - Robert Cotton, English politician (d. 1717)
May 4 - Juan Caballero y Ocio, Spanish priest remarkable for lavish gifts to the Catholic Church and charity (d. 1710) May 5 - Sir Richard Newdigate, 2nd Baronet, English medical writer (d. 1713) June 7 - Johann Christoph Volkamer,
German botanist (d. 1720) June 16 - Henrietta Anne Stuart, Princess of Scotland, England and Ireland and Duchess of Orléans (d. 1710) July 2 - Abraham a Sancta Clara, German Augustinian friar (d. 1709) July 4 - Josceline Percy, 11th Earl of Northumberland, English noble
(d. 1670) July 7 - Joan Geelvinck, Dutch politician (d. 1707) July 10 - Miguel Bayot, Spanish Catholic prelate, Bishop of Cebu (from 1697) (d. 1700) July 22 - Peter Drelincourt, Irish chaplain (d. 1707) July 10 - Miguel Bayot, Spanish Catholic prelate, Bishop of Cebu (from 1697) (d. 1700) July 22 - Peter Drelincourt, Irish chaplain (d. 1702) August 6 Christian Ernst, Margrave of Brandenburg-Bayreuth (1655-1712) (d. 1712) Louise de La Vallière, French mistress of Louis XIV of France (d.
1710)[11] August 12 - Heinrich Ignaz Franz Biber, Bohemian composer and violinist (d. 1704) August 28 (bapt.) - Gilles Schey, Dutch admiral (d. 1703) August 29 - Anne Bourdon, nun in New France (d. 1711) August 20 - Thomas Tufton, 6th Earl of Bradford, English
politician (d. 1723) September 6 - Juan Bautista Cabanilles, Spanish composer (d. 1712) September 11 - Jacob Rotius, Dutch painter (d. 1681) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 22 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 23 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 24 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 25 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 26 - Jacques Échard, French Dominican, historian of the Order (d. 1724) September 27 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 28 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September 29 - Ole Rømer, David Dominican, historian of the Order (d. 1724) September
- François-Timoléon de Choisy, French abbé, author and cross-dresser (d. 1724) October 3 - Adriaen Frans Boudewijns, landscape painter (d. 1719) October 12 - Christopher Sandius, Dutch Arian writer (d. 1724) October 13 - Sipihr Shikoh, Mughal Emperor (d. 1708) October 14 - William Penn, English Quaker and founder of Pennsylvania (d. 1718)
October 26 - Mathias Steuchius, Swedish archbishop (d. 1730) November 23 (bapt.) - Cornelia van der Gon, Dutch art collector (d. 1701) December 8 - Maria d'Este, Italian noble (d. 1684) December 23 - Tomás de Torrejón y Velasco, Spanish composer, musician
and organist (d. 1728) December 25 - Walter Scott, Earl of Tarras, Scottish nobleman (d. 1693) December 29 - Philips van Almonde, Dutch Lieutenant Admiral (d. 1711) Matsuo Bashō, Japanese poet (d. 1737)[13] Pope Urban VIII Johannes
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Wtenbogaert January 20 - Stefano Amadei, Italian painter (b. 1580) January 30 - William Chillingworth, controversial English churchman (b. 1602) January 28 - Guru Har Gobind, the Sixth Sikh Guru (b. 1595) March 15 - Countess Louise Juliana of Nassau, Regent of
 Bohemia (b. 1576) March 24 - Cecilia Renata of Austria, Queen of Poland (b. 1621) March 29 - Lord John Stewart, Scottish aristocrat, Royalist commander in the English Pilgrim leader (b. 1567) April 25 - Chongzhen, last Ming Emperor
of China (suicide) (b. 1611) April 28 - Zsófia Bosnyák, Hungarian noblewoman (b. 1609) May 26 - Alfonso III d'Este, Duke of Modena, Italian noble (b. 1571) John of St. Thomas, Portuguese philosopher (b. 1589) July 4 - Brian Twyne, English archivist (b. 1581)
July 7 - Hedwig of Hesse-Kassel, countess consort of Schaumburg (b. 1569) July 16 - Giovanni Biliverti, Italian painter (b. 1585) July 29 - Pope Urban VIII (b. 1568)[14] August 25 - Johann Heinrich Alting, German Lutheran theologian (b. 1583)
 September 4 - Johannes Wtenbogaert, Dutch leader of the Remonstrants (b. 1557) September 7 Guido Bentivoglio, Italian statesman and historian (b. 1563)[16] Francis Quarles, English poet (b. 1592)[17] October 6 - Elisabeth of France, queen of Philip IV of
 Spain (b. 1602) October 19 - Johann Friedrich, Count Palatine of Sulzbach-Hilpoltstein (b. 1587) October 30 - Jorge de Cárdenas y Manrique de Lara, Spanish writer (b. 1579) November 20 - Nathaniel Foote, American colonist (b. 1581) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1579) November 20 - Nathaniel Foote, American colonist (b. 1581) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1581) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1581) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 10 - Luis Vélez de Guevara, Spanish writer (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel Foote, American colonist (b. 1584) November 20 - Nathaniel
 1592) November 24 - Deodat del Monte, Flemish painter, architect (b. 1582) December 20 - Albert IV, Duke of Saxe-Eisenach (from 1640) (b. 1599) December 28 - John Bankes, Attorney General and Chief Justice to King Charles I of England (b. 1589) December 30 - Jan
 Baptist van Helmont, Flemish chemist (b. 1577) Braddick, Michael J. (2015). The Oxford handbook of the English revolution. Oxford, UK; New York: Carbon Dev York: London New York: Longman. p. 223. ISBN 9780582067226. a b "What
 Happened In 1644". hisdates.com. Retrieved March 3, 2016. ^ Edward S. Ellis, et al., The People's History of the World; Including Two Volumes on the Races of Mankind, Volume 5: United States (Chicago: The History Publishing Association, 1902) p. 127 ("The second outbreak occurred April 18th, 1644... Opechankano was taken prisoner, and died
 in Jamestown while a captive") ^ "Rupert, Prince", by Charles Harding Firth, in The Dictionary of National Biography, Volume 17 (Oxford University Press, 1922) p. 408 ("Rupert returned to Wales.. Defeating the parliamentarians at Stockport, he forced his way into Lancashire, stormed Bolton on 28 May, and captured Liverpool on 11 June", quoting
Ormerod, Civil War Tracts of Lancashire, p. 187) ^ Levene, Mark (1999). The massacre in history. New York: Berghahn Books. p. 93. ISBN 9781571819345. ^ Jeremy Black (1996). The cambridge University Press. p. 80. ^ Levillain, Philippe (2002). The papacy: an
encyclopedia. New York: Routledge. p. 801. ISBN 9780415922289. New York: Routledge. p. 801. ISBN 9789058673152. Lowther, Kenneth (1979). Dartmoor, Exeter... London Countries and China in the Qing era (1644-1911. Leuven, Belgium: Leuven University Press Ferdinand Verbiest Foundation. p. 90. ISBN 9789058673152.
Ward Lock, p. 35. ISBN 9780706357929. ^ Dumas, Alexandre (1998). The Vicomte de Bragelonne. Oxford University Press. p. 674. ISBN 9780192834638. ^ Schiavone, Michael J. (2009). Dictionary of Maltese Biographies Vol. 1 A-F. Pietà: Pubblikazzjonijiet Indipendenza. p. 756. ISBN 978993291329. ^ Fetis, FirstName (2013)
Anthony Stradivari the Celebrated Violin Maker. Newburyport: Dover Publications. p. x. ISBN 9780486316529. ^ Baker, Christopher (2002). Absolutism and the scientific revolution, 1600-1720: a biographical dictionary. Westport, Conn. Greenwood Press. p. 382. ISBN 9780313308277. ^ John Evelyn (2000). The Diary of John Evelyn: 1620-1649.
Clarendon Press. p. 379. ^ Venning, Timothy (2005). Compendium of British office holders. Houndmills, Basingstoke, Hampshire New York: Palgrave Macmillan. p. 118. ISBN 9780230505872. ^ Baker, Christopher (2002). Absolutism and the scientific revolution, 1600-1720: a biographical dictionary. Westport, Conn. Greenwood Press. p. 313.
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2022) (Learn how and when to remove this message) Millennia 2nd millenni
Establishments - Disestablishments vte The world map by the Italian America is derived) and Belgian Gerardus Mercator shows (besides the classical continents Europe, Africa, and Asia) the America is derived) and Belgian Gerardus Mercator shows (besides the classical continents Europe, Africa, and Asia) the America is derived) and Belgian Gerardus Mercator shows (besides the classical continents Europe, Africa, and Asia) the America is derived) and Belgian Gerardus Mercator shows (besides the classical continents Europe, Africa, and Asia) the America is derived) and Belgian Gerardus Mercator shows (besides the classical continents Europe, Africa, and Asia) the America is derived) and Belgian Gerardus Mercator shows (besides the classical continents Europe, Africa, and Asia) the America is derived) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator shows (besides the classical continents) and Belgian Gerardus Mercator s
Arctic continent and a yet undetermined Terra Australis.[1]The 16th century began with the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian or the Gregorian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian or the Gregorian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian or the Gregorian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian or the Gregorian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian or the Gregorian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with either the Julian year 1501 (represented by the Roman numerals MDI) and ended with en
Italy and Europe saw the emergence of important artists, and led to the foundation of important subjects which include accounting and political science. Copernicus proposed the heliocentric universe, which was met with strong resistance, and Tycho Brahe refuted the theory of celestial spheres through observational
measurement of the 1572 appearance of a Milky Way supernova. These events directly challenged the long-held notion of an immutable universe supported by Ptolemy and Aristotle, and led to major revolutions in astronomy and science. Galileo Galileo
contributions in the fields of physics and astronomy, becoming a major figure in the Scientific Revolution in Europe. Spain and Portugal colonized large parts of Central and South America, followed by France and England in Northern America and England in Northern America and England in Northern America, followed by France and En
and their possessions in the Indies, whereas the Spanish came to dominate the Greater Antilles, Mexico, Peru, and opened trade across the Pacific Ocean, linking the Americas with the Indies. English and French privateers began to practice persistent theft of Spanish and Portuguese treasures. This era of colonialism established mercantilism as the
leading school of economic thought, where the economic system was viewed as a zero-sum game in which any gain by one party required a loss by another. The mercantilist doctrine encouraged the many intra-European wars of the period and arguably fueled European wars of the period and arguably fueled European expansion and imperialism throughout the world until the 19th century or early
20th century. The Reformation in central and northern Europe gave a major blow to the authority of the papacy and the Catholic Church. In England, the British-Italian Alberico Gentili wrote the first book on public international law and divided secularism from canon law and Catholic theology. European politics became dominated by religious
conflicts, with the groundwork for the epochal Thirty Years' War being laid towards the end of the century. In the Middle East, the Ottoman Empire continued to expand, with the sultan taking the title of caliph, while dealing with a resurgent Persia. Iran and Iraq were caught by a major popularity of the Shia sect of Islam under the rule of the Safavid
 dynasty of warrior-mystics, providing grounds for a Persia independent of the majority-Sunni Muslim world.[2] In the Indian subcontinent, following the defeat of the Delhi Sultanate and Vijayanagara Empire, new powers emerged, the Sur Empire founded by Sher Shah Suri, Deccan sultanates, Rajput states, and the Mughal Empire[3] by Emperor
 Babur, a direct descendant of Timur and Genghis Khan.[4] His successors Humayun and Akbar, enlarged the empire to include most of South Asia. Japan suffered a severe civil war at this time, known as the Sengoku period, and emerged from it as a unified nation under Toyotomi Hideyoshi. China was ruled by the Ming dynasty, which was becoming
increasingly isolationist, coming into conflict with Japan over the control of Korea as well as Japanese pirates. In Africa was left uncolonized. For timelines of earlier events, see 15th century and Timeline of the
Middle Ages. Mona Lisa, by Leonardo da Vinci, c. 1503-1506, one of the world's best-known paintings 1501: Michelangelo returns to his native Florence to begin work on the statue David. 1501: First Battle of Cannanore between the Third
 Portuguese Armada and Kingdom of Cochin under João da Nova and Zamorin of Kozhikode's navy marks the beginning of Portuguese conflicts in the Golden Horde, ending its existence. 1503: Spain defeats France at the Battle of
Cerignola. Considered to be the first battle in history won by gunpowder small arms. 1503: Leonardo da Vinci begins painting the Mona Lisa and completes it three years later. 1503: Nostradamus is born on either December 21. 1504: A period of drought, with famine in all of Spain. 1504: Death of Isabella I of Castile; Joanna of Castile;
 becomes the Queen. 1504: Foundation of the Sultanate of Sennar by Amara Dunqas, in what is modern Sudan 1505: Zhengde Emperor ascends the throne of Ming dynasty. 1505: Martin Luther enters St. Augustine's Monastery at Erfurt, Germany, on 17 July and begins his journey to instigating the Reformation. 1505: Sultan Trenggono builds the first
Muslim kingdom in Java, called Demak, in Indonesia. Many other small kingdoms were established in other islands to fight against Portuguese. Each kingdom introduced local language as a way of communication and unity. 1506: Leonardo da Vinci completes the Mona Lisa. 1506: King Afonso I of Kongo wins the battle of Mbanza Kongo, resulting in
Catholicism becoming Kongo's state religion. Battle of Cerignola: El Gran Capitan finds the corpse of Louis d'Armagnac, Duke of Nemours 1506: At least two thousand converted Jews are massacred in a Lisbon riot, Portugal. 1506: Christopher Columbus dies in Valladolid, Spain. 1506: Poland is invaded by Tatars from the Crimean Khanate. 1507: The
 first recorded epidemic of smallpox in the New World on the island of Hispaniola. It devastates the native Taino population. [6] 1507: Afonso de Albuquerque conquered Hormuz and Muscat, among other bases in the Persian Gulf, taking control of the region at the entrance of the Gulf. 1508: The Christian-Islamic power struggle in Europe and West
Asia spills over into the Indian Ocean as Battle of Chaul during the Portuguese-Mamluk War 1508-1512: Michelangelo paints the Sistine Chapel ceiling. 1509: The defeat of joint fleet of the Sultan of Gujarat, the Mamlûk Burji Sultanate of Egypt, and the Sistine Chapel ceiling.
marks the beginning of Portuguese dominance of the Spice trade and the Indian Ocean. 1509: The Portuguese king sends Diogo Lopes de Sequeira to find Malacca, the eastern terminus of Asian trade. After initially receiving Sequeira to find Malacca, the eastern terminus of Asian trade.
 which escape.[7] The Javanese fleet is also destroyed in Malacca. 1509: Krishnadevaraya ascends the throne of Vijayanagara Empire. Afonso de Albuquerque of Portugal conquers Goa in India. 1511: Afonso de Albuquerque of Portugal conquers Malacca,
the capital of the Sultanate of Malacca in present-day Malaysia. 1512: Copernicus writes Commentariolus, and proclaims the Sun the center of the Solar System. 1512: The southern part (historical core) of the Kingdom of Navarre is invaded by Castile and Aragon. 1512: Qutb Shahi dynasty, founded by Quli Qutb Mulk, rules Golconda Sultanate until
1687. 1512: The first Portuguese exploratory expedition was sent eastward from Malacca (in present-day Malaysia) to search for the 'Spice Islands' (Maluku) led by Francisco Serrão. Serrão is shipwrecked but struggles on to Hitu (northern Ambon) and wins the favour of the local rulers.[9] 1513: Machiavelli writes The Prince, a treatise about political
 philosophy 1513: The Portuguese mariner Jorge Álvares lands at Macau, China, during the Ming dynasty. 1513: Henry VIII defeats the French at the Battle of the Spurs. 1513: Sultan Selim I ("The Grim") orders the massacre of Shia Muslims in Anatolia
 (present-day Turkey). 1513: Vasco Núñez de Balboa, in service of Spain arrives at the Pacific Ocean (which he called Mar del Sur) across the Isthmus of Panama. He was the first European to do so. 1514: The Battle of Orsha halts Muscovy's expansion into Eastern Europe. 1514: Dózsa rebellion (peasant revolt) in Hungary. Martin Luther initiated the
 Reformation with his Ninety-five Theses in 1517. 1514: The Battle of Chaldiran, the Ottoman Empire gainst Safavid dynasty. 1515: The Ottoman Empire wrests Eastern Anatolia from the Safavids after the Battle of Chaldiran, 1515: The
Ottomans conquer the last beyliks of Anatolia, the Dulkadirs and the Ramadanids. 1516-1517: The Sweating sickness epidemic in Tudor England.[10] 1517: The Reformation begins when Martin Luther posts his Ninety-five Theses in Saxony. 1518: The Treaty
of London was a non-aggression pact between the major European nations. The signatories were Burgundy, France, England, the Holy Roman Empire, the Netherlands, the Papal States and Spain, all of whom agreed not to attack one another and to come to the aid of any that were under attack. 1518: Mir Chakar Khan Rind leaves Baluchistan and
settles in Punjab. 1518: Leo Africanus, also known as al-Hasan ibn Muhammad al-Wazzan al-Fasi, an Andalusian Berber diplomat who is best known for his book Description of Africa), is captured by Spanish pirates; he is taken to Rome and presented to Pope Leo X. 1518: The dancing plague of 1518 begins in Strasbourg,
lasting for about one month. 1519: Leonardo da Vinci dies of natural causes on May 2. Europe at the time of the accession of Charles V in 1519 1519: Wang Yangming, the Chinese philosopher and governor of Jiangxi province, describes his intent to use the firepower of the fo-lang-ji, a breech-loading Portuguese culverin, in order to suppress the
rebellion of Prince Zhu Chenhao. 1519: Barbary pirates led by Hayreddin Barbarossa, a Turk appointed to ruling position in Algiers by the Ottoman Empire, raid Provence and Toulon in southern France. 1519: Death of Emperor Maximilian; Charles V, Holy
 Roman Emperor (ruled until 1556). 1519-1522: Spanish expedition commanded by Magellan and Elcano are the first to Circumnavigate the Earth. 1519-1522: Spanish expedition that circumnavigated the globe in 1519-1522. 1520-1566: The reign of Suleiman
the Magnificent marks the zenith of the Ottoman Empire. 1520: The first European diplomatic mission to Ethiopia, sent by the Portuguese, arrives at Massawa 9 April, and reaches the imperial encampment of Emperor Dawit II in Shewa 9 October. 1520: Vijayanagara Empire forces under Krishnadevaraya defeat the Adil Shahi under at the Battle of
Raichur 1520: Sultan Ali Mughayat Shah of Aceh begins an expansionist campaign capturing Daya on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the east coast. 1520: The Portuguese established a trading post in the village of Lamakera on the village established a trading post in the village established est
 transit harbour between Maluku and Malacca. 1521: Belgrade (in present-day Serbia) is captured by the Ottoman Empire. 1521: After building fortifications at Tuen Mun, the Portuguese attempt to invade Ming dynasty China, but are expelled by Chinese naval forces. 1521: Philippines encountered by Ferdinand Magellan. He was later killed in the
 Battle of Mactan in central Philippines in the same year. 1521: Jiajing Emperor ascended the throne of Ming dynasty, China. 1521: November, Ferdinand Magellan's expedition reaches Maluku (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns to Europe with a load of cloves. 1521: Pati Unus leads the invasion of Malacca (in present-day Indonesia) and after trade with Ternate returns the Indonesia (in present-day Indonesia) and Indonesia (
Malaysia) against the Portuguese occupation. Pati Unus was killed in this battle, and was succeeded by his brother, sultan Trenggana. 1522: Rhodes falls to the Ottomans of Suleiman the Magnificent.[11]Sack of Rome of 1527 by Charles V's forces (painting by Johannes Lingelbach) 1522: The Portuguese ally themselves with the rulers of Ternate (in
present-day Indonesia) and begin construction of a fort.[9] 1522: August, Luso-Sundanese Treaty signed between Portuguese permit to build fortress in Sunda Kelapa. 1523: Sweden gains independence from the Kalmar Union. 1523: The Cacao bean is introduced to Spain by Hernán Cortés 1524-1525: German
 Peasants' War in the Holy Roman Empire. 1524: Giovanni da Verrazzano is the first European to explore the Atlantic coast of North America between South Carolina and Newfoundland. 1524: Ismail I, the founder of Safavid dynasty, dies and Tahmasp I becomes king. Gun-wielding Ottoman Janissaries and defending Knights of Saint John at the siege of
 Rhodes in 1522, from an Ottoman manuscript 1525: Timurid Empire forces under Babur defeat the Lodi dynasty at the Battle of Panipat, end of the Delhi Sultanate. 1525: German and Spanish forces defeat France at the Battle of Mohács.
1526: Mughal Empire, founded by Babur. 1527: Sack of Rome with Pope Clement VII escaping and the Swiss Guards defending the Vatican being killed. The sack of the city of Rome considered the end of the Italian Renaissance. 1527: Protestant Reformation begins in Sweden. 1527: The last ruler of Majapahit falls from power. This state (located in
 present-day Indonesia) was finally extinguished at the hands of the Demak. A large number of courtiers, artisans, priests, and members of the royalty moved east to the island of Bali; however, the power and the seat of government transferred to Demak under the leadership of Pangeran, later Sultan Fatah. 1527: June 22, The Javanese Prince
 Fatahillah of the Cirebon Sultanate successfully defeated the Portuguese armed forces at the site of the Sunda Kelapa Harbor. The city was then renamed Jayakarta, meaning "a glorious victory." This eventful day came to be acknowledged as Jakarta Founding Anniversary. 1527: Mughal Empire forces defeat the Rajput led by Rana Sanga of Mewar
 at the Battle of Khanwa 1529: The Austrians defeat the Ottoman Empire at the siege of Vienna. 1529: Irreaty of Zaragoza defined the antimeridian of Tordesillas attributing the Moluccas to Portugal and Philippines to Spain. 1529: Irreaty of Zaragoza defined the antimeridian of Tordesillas attributing the Moluccas to Portugal and Philippines to Spain. 1529: Irreaty of Zaragoza defined the antimeridian of Tordesillas attributing the Moluccas to Portugal and Philippines to Spain. 1529: Irreaty of Zaragoza defined the antimeridian of Tordesillas attributing the Moluccas to Portugal and Philippines to Spain. 1529: Irreaty of Zaragoza defined the antimeridian of Tordesillas attributing the Moluccas to Portugal and Philippines to Spain. 1529: Irreaty of Zaragoza defined the antimeridian of Tordesillas attributing the Moluccas to Portugal and Philippines to Spain. 1529: Irreaty of Zaragoza defined the Austrian Albarda (Irreaty at Irreaty at 
Ethiopian-Adal War. Spanish conquistadors with their Tlaxcallan allies fighting against the Otomies of Metztitlan in present-day Mexico, a 16th-century codex 1531-1532: The Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church of England breaks away from the Catholic Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the Church and recognizes King Henry VIII as the head of the head of
brothers, Atahualpa and Huáscar. 1532: Francisco Pizarro leads the Spanish conquest of the Inca Empire. 1533: Anne Boleyn becomes Queen of England. 1533: Anne Boleyn becomes Queen of England. 1533: Francisco Pizarro leads the Spanish conquest of the Inca Empire. 1534: The Ottomans Canada for France. 1534: The Ottomans Canada for Franc
 capture Baghdad from the Safavids. 1534: Affair of the Placards, where King Francis I becomes more active in repression of French Protestants. 1535: The Portuguese in Ternate depose Sultan Tabariji (or Tabarija) and send him
to Portuguese Goa where he converts to Christianity and bequeaths his Portuguese godfather Jordao de Freitas the island of Ambon.[12] Hairun becomes the next sultan. 1536: Catherine of Aragon dies in Kimbolton Castle, in England, Anne Boleyn is
beheaded for adultery and treason. 1536: Establishment of the Inquisition in Portugal. 1536: Foundation of Buenos Aires (in present-day Argentina) by Pedro de Mendoza. 1537: The Portuguese establish Recife in Pernambuco, north-east of Brazil. 1537: William Tyndale's partial translation of the Bible into English is published, which would eventually
be incorporated into the King James Bible. 1538: Gonzalo Jiménez de Quesada founds Bogotá. 1538: Spanish-Venetian fleet is defeated by the Ottoman Turks at the Battle of Preveza. 1539: Hernando de Soto explores inland North America. Nicolaus Copernicus 1540: The Society of Jesus, or the Jesuits, is founded by Ignatius of Loyola and six
companions with the approval of Pope Paul III. 1540: Sher Shah Suri founds the Suri dynasty in South Asia, an ethnic Pashtun (Pathan) of the reign of the reign of the house of Sur, who supplanted the Mughal dynasty as rulers of North India during the reign of the reign of the reign of the reign of the house of Sur, who supplanted the Mughal dynasty as rulers of North India during the reign of the reign of the reign of the reign of the house of Sur, who supplanted the Mughal dynasty as rulers of North India during the reign of the house of Sur, who supplanted the Mughal dynasty in Suri decisively defeats Humayun in the
 Battle of Bilgram (May 17, 1540). 1541: Pedro de Valdivia founds Santiago in Chile. 1541: Amazon River is encountered and explored by Francisco de Orellana. 1541: Capture of Buda and the absorption of the major part of Hungary by the Ottoman Empire. 1541:
Sahib I Giray of Crimea invades Russia. 1542: The Italian War of 1542-1546 War resumes between Francis I of France and Emperor, while James V of Scotland and Sultan Suleiman I are allied with the French. 1542: Akbar The Great is born in the Rajput Umarkot Fort 1542: Spanish explorer
Ruy López de Villalobos named the island of Samar and Leyte Las Islas Filipinas honoring Philip II of Spain and became the official name of the archipelago. 1543: Ethiopian/Portuguese troops defeat the Adal army led by Imam Ahmad Gurey at the Battle of Wayna Daga; Imam Ahmad Gurey is killed at this battle. 1543: Copernicus publishes his theory
that the Earth and the other planets revolve around the Sun 1544: The French defeat an Imperial-Spanish army at the Battle of Ceresole. Scenes of everyday life in Ming China, by Qiu Ying 1544: Battle of the Shirts in Scotland. The Frasers and Macdonalds of
Clan Ranald fight over a disputed chiefship; reportedly, 5 Frasers and 8 Macdonalds survive. 1545: Songhai forces sack the Malian capital of Niani 1545: The Council of Trent meets for the first time in Trent (in northern Italy). 1546: Michelangelo Buonarroti is made chief architect of St. Peter's Basilica. 1546: Francis Xavier works among the peoples
of Ambon, Ternate and Morotai (Moro) laying the foundations for a permanent mission. (to 1547) 1547: Henry VIII dies in the Palace of Whitehall on 28 January at the age of 52. 1547: Edward VI becomes King of England and Ireland on 28 January and is crowned on 20
 February at the age of 9. 1547: Emperor Charles V decisively dismantles the Schmalkaldic League at the Battle of Wühlberg. 1547: Grand Prince Ivan the Terrible is crowned tsar of (All) Russia, thenceforth becoming the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Mühlberg. 1547: Grand Prince Ivan the Terrible is crowned tsar of (All) Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for the first Russian tsar. 1548: Battle of Uedahara: Firearms are used for th
defeated by Murakami Yoshikiyo. 1548: Askia Daoud, who reigned from 1548 to 1583, establishes public libraries in Timbuktu (in present-day Mali). 1548: The Ming dynasty government of China issues a decree banning all foreign trade and closes down all seaports along the coast; these Hai jin laws came during the Wokou wars with Japanese
 pirates, 1549; Tomé de Sousa establishes Salvador in Bahia, north-east of Brazil, 1549; Arva Penangsang with the support of his teacher, Sunan Kudus, avenges the death of Raden Kikin by sending an envoy named Rangkud to kill Sunan Prawoto by Keris Kyai Satan Kober (in present-day Indonesia). The Islamic gunpowder empires; Mughal Army
 artillerymen during the reign of Jalaluddin Akbar 1550: The architect Mimar Sinan builds the Süleymaniye Mosque in Istanbul. 1550: Mongols led by Altan Khan invade China and besiege Beijing. 1550-1551: Valladolid debate concerning the human rights of the Indigenous people of the Americas. 1551: Fifth outbreak of sweating sickness in England
John Caius of Shrewsbury writes the first full contemporary account of the symptoms of the disease. 1551: North African pirates enslave the entire population of the Maltese island Gozo, between 5,000 and 6,000, sending them to Libya. 1552: Russia conquers the Khanate of Kazan in central Asia. 1552: Jesuit China Mission, Francis Xavier dies. 1553:
 Mary Tudor becomes the first queen regnant of England and restores the Church of England under Papal authority. 1553: The Portuguese found a settlement at Macau. 1554: Princess Elizabeth is imprisoned in the Tower of London upon the orders of
1556: The Shaanxi earthquake in China is history's deadliest known earthquake during the Ming dynasty. 1556: Akbar defeats Hemu at the Second battle of Panipat. 1556: Russia conquers the Astrakhan Khanate. 1556-1605: During his reign, Akbar expands the
 Mughal Empire in a series of conquests (in the Indian subcontinent). Political map of the world in 1556: Pomponio Algerio, radical theologian, is executed by boiling in oil as part of the Roman Inquisition. 1557: Habsburg Spain declares bankruptcy. Philip II of Spain had to declare four
 state bankruptcies in 1557, 1560, 1575 and 1596. 1557: The Portuguese settle in Macau (on the western side of the Pearl River Delta across from present-day Hong Kong). 1557: The Ottomans capture Massawa, all but isolating Ethiopia from the rest of the world. 1558: Elizabeth Tudor becomes Queen Elizabeth I at age 25. 1558-1603: The
 Elizabethan era is considered the height of the English Renaissance. 1558-1583: Livonian War between Poland, Grand Principality of Lithuania, Sweden, Denmark and Russia. 1558: After 200 years, the Kingdom of England loses Calais to France. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: Sultan Hairun of Ternate (irrance. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: Sultan Hairun of Ternate (irrance. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: Sultan Hairun of Ternate (irrance. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis, the Italian Wars conclude. 1559: With the Peace of Cateau Cambrésis (Italian Wars conclude).
 present-day Indonesia) protests the Portuguese's Christianisation activities in his lands. Hostilities between Ternate and the Portuguese. The Mughal Emperor Akbar shoots the Rajput warrior Jaimal during the Siege of Chittorgarh in 1567 1560: Ottoman navy defeats the Spanish fleet at the Battle of Djerba. 1560: Elizabeth Bathory is born in
 Nyirbator, Hungary. 1560: By winning the Battle of Okehazama, Oda Nobunaga becomes one of the pre-eminent warlords of Japan. 1560: Jeanne d'Albret declares Calvinism the official religion of Navarre. 1560: Lazarus Church, Macau 1561: Sir Francis Bacon is born in London. 1561: The fourth battle of Kawanakajima between the Uesugi and
 Takeda at Hachimanbara takes place. 1561: Guido de Bres draws up the Belgic Confession of Protestant faith. 1562: Mughal emperor Akbar reconciles the Muslim and Hindu factions by marrying into the powerful Rajput Hindu caste. 1562-1598: French Wars of Religion between Catholics and Huguenots. 1562: Massacre of Wassy and Battle of Dreux
England. In London alone, over 20,000 people died of the disease. 1564: Galileo Galilei born on February 15 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Theatan Empire at the Battle of Talikota. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Theatan Empire at the Battle of Talikota. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Theatan Empire at the Battle of Talikota. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Theatan Empire at the Battle of Talikota. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de Sá establishes Rio de Janeiro in Brazil. 1565: Mir Chakar Khan Rind dies at aged 97. 1565: Estácio de Sá establishes Rio de S
Hospitallers, a Crusading Order, defeat the Ottoman Empire at the siege of Malta (1565). 1565: Spanish navigator Andres de Urdaneta discovers the maritime route from
Asia to the Americas across the Pacific Ocean, also known as the tornaviaje. 1565: Royal Exchange is founded by Thomas Gresham. 1566: Suleiman the Magnificent, ruler of the Ottoman Empire, dies on September 7, during the battle of Szigetvar. Siege of Valenciennes during the Dutch War of Independence in 1567 1566-1648: Eighty Years' War
between Spain and the Netherlands. 1566: Da le Balle Contrade d'Oriente, composed by Cipriano de Rore. 1567: After 45 years' reign, Jiajing Emperor died in the Forbidden City, Longqing Emperor ascended the throne of Ming dynasty. 1567: Mary, Queen of Scots, is imprisoned by Elizabeth I. 1568: The Transylvanian Diet, under the patronage of
 the prince John Sigismund Zápolya, the former king of Hungary, inspired by the teachings of Ferenc Dávid, the founder of the Unitarian Church of Transylvania, promulgates the Edict of Torda, the first law of freedom of religion and of conscience in the World. 1568-1571: Morisco Revolt in Spain. 1568-1600: The Azuchi-Momoyama period in Japan
1568: Hadiwijaya sent his adopted son and son in-law Sutawijaya, who would later become the first ruler of the Mataram dynasty of Indonesia, to kill Arya Penangsang. 1569: Rising of the North in England. 1569: Mercator 1569 world map published by Gerardus Mercator. 1569: The Polish-Lithuanian Commonwealth is created with the Union of
 Lublin which lasts until 1795. 1569: Peace treaty signed by Sultan Hairun of Ternate and Governor Lopez De Mesquita of Portugal. The Battle of Lepanto 1570: Ivan the Terrible, tsar of Russia, orders the massacre of inhabitants of Novgorod. 1570: Pope Pius V issues Regnans in Excelsis, a papal bull excommunicating all who obeyed Elizabeth I and
 calling on all Catholics to rebel against her. 1570: Sultan Hairun of Ternate (in present-day Indonesia) is killed by the Portuguese.[12] Babullah becomes the next Sultan. 1570: 20,000 inhabitants of Nicosia in Cyprus were massacred and every church, public building, and palace was looted. Cyprus fell to the Ottoman Turks the following year. 1571:
 Spanish missionaries in what would later be Jamestown, Virginia. 1571: Spanish conquistador Miguel López de Legazpi establishes Manila, Philippines as the capital of the Spanish East Indies. 1572: Spanish conquistadores
 apprehend the last Inca leader Tupak Amaru at Vilcabamba, Peru, and execute him in Cuzco. 1572: Jeanne d'Albret dies aged 43 and is succeeded by Henry of Navarre. 1572: Catherine de' Medici instigates the St. Bartholomew's Day massacre which takes the lives of Protestant leader Gaspard de Coligny and thousands of Huguenots. The violence
 spreads from Paris to other cities and the countryside. 1572: The 9 years old Taizi, Zhu Yijun ascended the throne of Ming dynasty, known as Wanli Emperor. 1573: After heavy losses on both sides the siege of Haarlem ends in a
Spanish victory.St. Bartholomew's Day massacre of French Protestants 1574: in the Eighty Years' War the capital of Zeeland, Middelburg declares for the Protestants. 1575: Oda Nobunaga finally captures Nagashima fortress. 1575: Following a five-year
war, the Ternateans under Sultan Babullah defeated the Portuguese. 1576: Tahmasp I, Safavid shah, dies. 1576: Tahmasp I, S
Drake circles the world. 1577: Ki Ageng Pemanahan built his palace in Pasargede or Kotagede. 1578: King Sebastian of Portuguese establish a fort on Tidore but the main centre for Portuguese activities in Maluku becomes Ambon. [12] 1578: Sonam Gyatso is conferred the title of Dalai Lama
by Tumed Mongol ruler, Altan Khan. Recognised as the reincarnation of two previous Lamas, Sonam Gyatso becomes the third Dalai Lama in the lineage.[15] 1578: Governor-General Francisco de Sande officially declared war against Brunei in 1578, starting the Castilian War of 1578. 1579: The Union of Utrecht unifies the northern Netherlands, a
 foundation for the later Dutch Republic. 1579: The Union of Arras unifies the southern Netherlands, a foundation for the later states of the Spanish Netherlands, the Austrian Netherlands and Belgium. The Irish Gaelic chieftain's feast, from The Image of Ireland 1579: The British navigator Sir Francis Drake passes through Maluku and transit in
Ternate on his circumnavigation of the world. The Portuguese establish a fort on Tidore but the main centre for Portuguese activities in Maluku becomes Ambon.[16] The fall of Spanish Armada 1580: Drake's royal reception after his attacks on Spanish possessions influences Philip II of Spain to build up the Spanish Armada. English ships in Spanish
harbours are impounded. 1580: Spain unifies with Portugal under Philip II. The struggle for the throne of Portuguese crowns are united for 60 years, i.e. until 1640. 1580-1587: Nagasaki comes under control of the Jesuits. 1581: Dutch Act of Abjuration, declaring abjuring allegiance to Philip II of
 Spain. 1581: Bayinnaung dies at the age of 65. 1582: Oda Nobunaga commits seppuku during the Honnō-ji Incident coup by his general, Akechi Mitsuhide. 1582 and this was followed by the first day of the Gregorian calendar, Friday,
 15 October 1582: Yermak Timofeyevich conquers the Siberia Khanate on behalf of the Stroganovs. 1583: Denmark builds the world's first theme park, Bakken. 1583: Death of Sultan Babullah of Ternate. 1584-1585: After the siege of Antwerp, many of its merchants flee to Amsterdam. According to Luc-Normand Tellier, "At its peak, between
 1510 and 1557, Antwerp concentrated about 40% of the world trade...It is estimated that the port of Antwerp was earning the Spanish crown seven times more revenues than the Americas."[17] 1584: Ki Ageng Pemanahan died. Sultan Pajang raised Sutawijaya, son of Ki Ageng Pemanahan as the new ruler in Mataram, titled "Loring Ngabehi Market"
 (because of his home in the north of the market). 1585: Akbar annexes Kashmir and adds it to the Kabul SubahPortuguese fusta in India from a book by Jan Huygen van Linschoten 1585: Colony at Roanoke founded in North America. 1585-1604: The Anglo-Spanish War is fought on both sides of the Atlantic. 1587: Mary, Queen of Scots is executed by
 Elizabeth I. 1587: The reign of Abbas I marks the zenith of the Safavid dynasty. 1587: Troops that would invade Pajang Mataram into the kingdom with Sutawijaya as Sultan, titled "Senapati Ingalaga Sayidin Panatagama" means the warlord and
 cleric Manager Religious Life. 1588: England repulses the Spanish Armada. 1589: Spain repulses the English Armada. 1589: Seatherine de' Medici dies at aged 69. Abu'l-Fazl ibn Mubarak presenting Akbarnama to Mughal Azam Akbar, Mughal miniature 1590: Siege of Odawara: the Go-Hojo clan surrender to Toyotomi Hideyoshi, and Japan is unified
1591: Gazi Giray leads a huge Tatar expedition against Moscow. 1591: In Mali, Moroccan forces of the Sultan Ahmad al-Mansur led by Judar Pasha defeat the Songhai Empire at the Battle of Tondibi. 1592-1598: Korea, with the help of Ming
dynasty China, repels two Japanese invasions. 1593-1606: The Long War between the Habsburg monarchy and the Ottoman Turks. 1594: St. Paul's College, Macau, founded by Alessandro Valignano. 1595: First Dutch expedition to Indonesia sets sail for the East Indies with two hundred and forty-nine men and sixty-four cannons led by Cornelis de
 Houtman.[18] 1596: Birth of René Descartes. 1596: June, de Houtman's expedition reaches Banten the main pepper port of West Java where they clash with both the Portuguese and Indonesians. It then sails east along the north coast of Java losing twelve crew to a Javanese attack at Sidayu and killing a local ruler in Madura.[18] 1597: Romeo and
 Juliet is published. 1597: Cornelis de Houtman's expedition returns to the Netherlands with enough spices to make a considerable profit.[18] 1598: The Edict of Nantes ends the French Wars of Religion. 1598: Abbas I moves Safavids capital from Qazvin to Isfahan in 1598. 1598-1613: Russia descends into anarchy during the Time of Troubles. 1598:
The Portuguese require an armada of 90 ships to put down a Solorese uprising.[12] (to 1599) 1598: More Dutch fleets leave for Indonesia and most are profitable.[18]Edo period screen depicting the Battle of Sekigahara 1598: The province of Santa Fe de Nuevo México is established in Northern New Spain. The region would later become a territory
of Mexico, the New Mexico Territory in the United States, and the US State of New Mexico. 1598: The wan Neck expedition returns to Europe. The expedition makes a 400 per cent profit.[18] (to 1600) 1599: March, Leaving
 Europe the previous year, a fleet of eight ships under Jacob van Neck was the first Dutch fleet to reach the 'Spice Islands' of Maluku.[18] 1600: Giordano Bruno is burned at the stake for heresy in Rome. Siege of Filakovo castle during the Long Turkish War 1600: Battle of Sekigahara in Japan. End of the Warring States period and beginning of the Edo
period. 1600: The Portuguese win a major naval battle in the bay of Ambon.[19] Later in the year, the Dutch join forces with the local Hituese in an anti-Portuguese alliance, in return for which the Dutch would have the sole right to purchase spices from Hitu.[19] 1600: Elizabeth I grants a charter to the British East India Company beginning the
 English advance in Asia. 1600: Michael the Brave unifies the three principalities: Wallachia, Moldavia and Transylvania after the Battle of Şelimbăr from 1599. For later events, see Timeline of the 17th century. Polybius' The Histories translated into Italian, English, German and French.[20] Mississippian culture disappears. Medallion rug, variant Star
Ushak style, Anatolia (modern Turkey), is made. It is now kept at the Saint Louis Art Museum. Hernan Cortes (1485–1547) Henry VIII, (1491–1547) King of England and Ireland Don Fernando Álvarez de Toledo (1507–1582) Suleiman the Magnificent, Sultan of the Ottoman Empire (1520–1566) Ivan IV the Terrible (1530–1584) Oda Nobunaga (1534–1547) Henry VIII, (1491–1547) He
1582) Sir Francis Drake (c. 1540 - 1596) Alberico Gentili, (1552-1608) the Father of international law Philip II of Spain, King of Spain (1556-1598) Akbar the Great, Mughal emperor (1556-1605) Related article: List of 16th century inventions. The Columbian Exchange introduces many plants, animals and diseases to the Old and New Worlds.
 Introduction of the spinning wheel revolutionizes textile production in Europe. The letter J is introduced into the English alphabet. 1500: First portable watch is created by Peter Henlein of Germany. The Iberian Union in 1598, under Philip II, King of Spain and Portugal 1513: Juan Ponce de León sights Florida and Vasco Núñez de Balboa sights the
eastern edge of the Pacific Ocean. 1519-1522: Ferdinand Magellan and Juan Sebastián Elcano lead the first circumnavigation of the world. 1519-1540: In America, Hernando de Soto expeditions map the Gulf of Mexico coastline and bays. 1525: Modern square root symbol (v) 1540: Francisco Vásquez de Coronado sights the Grand Canyon. 1541-42
 Francisco de Orellana sails the length of the Amazon River. 1542-43: Firearms are introduced into Japan by the Portuguese. 1545: Theory of complex numbers is first developed by Gerolamo Cardano of Italy. 1558: Camera obscura is first used in
 Europe by Giambattista della Porta of Italy. 1559-1562: Spanish settlements in Alabama/Florida and Georgia confirm dangers of hurricanes and local native warring tribes. 1565: Invention of the graphite pencil (in a wooden holder) by Conrad Gesner
Modernized in 1812. 1568: Gerardus Mercator creates the first Mercator projection map. 1572: Supernova SN 1572 is observed by Catholic countries. c. 1583: Galileo Galilei of Pisa, Italy identifies the constant swing of a pendulum
 leading to development of reliable timekeepers. 1585: earliest known reference to the 'sailing carriage' in China. 1589: William Lee invents the stocking frame. 1591: First flush toilet is introduced by Sir John Harrington of England, the design published under the title 'The Metamorphosis of Ajax'. 1593: Galileo Galilei invents a thermometer. 1596:
 William Barents discovers Spitsbergen. 1597: Opera in Florence by Jacopo Peri. Entertainment in the 16th century ^ a b Modern reference works on the period tend to follow the introduction of the Gregorian calendar for the sake of clarity; thus NASA's lunar eclipse catalogue states "The Gregorian calendar is used for all dates from 1582 Oct 15
onwards. Before that date, the Julian calendar is used." For dates after 15 October 1582, care must be taken to avoid confusion of the two styles. ^ de Vries, Jan (14 September 2009). "The limits of globalization in the early modern world". The Economic History Review. 63 (3): 710-733. CiteSeerX 10.1.1.186.2862. doi:10.1111/j.1468.
0289.2009.00497.x. JSTOR 40929823. S2CID 219969360. SSRN 1635517. ^ Singh, Sarina; Lindsay Brown; Paul Clammer; Rodney Cocks; John Mock (2008). Pakistan & the Karakoram Highway. Vol. 7, illustrated. Lonely Planet. p. 137. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 24 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 24 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. ISBN 978-1-74104-542-0. Retrieved 24 August 2010. ^ Babur (2006). Babur
0-14-400149-1. ^ "16th Century Timeline (1501 to 1600)". fsmitha.com. Archived from the original on February 3, 2009. ^ "History of Smallpox Through the Ages" Archived 2019-09-24 at the Wayback Machine. Texas Department of State Health Services. ^ Ricklefs (1991), p.23 ^ "A LIST OF NATIONAL EPIDEMICS OF PLAGUE IN
ENGLAND 1348-1665". Archived from the original on 2009-04-25. ^ a b Ricklefs (1991), page 24 ^ The Sweating Sickness. Story of London.. Accessed 2009-04-25. ^ a b c d e Ricklefs
(1991), page 25 ^ "La Terra De Hochelaga - Jaques Cartier a Hochelaga". jacquescarter.org. Archived from the original on December 23, 2008. ^ "The Lusiads". World Digital Library. 1800-1882. Retrieved 2013-08-31. ^ Schwieger, Peter (2014). The Dalai Lama and the Emperor of China: a political history of the Tibetan institution of reincarnation
 New York: Columbia University Press. ISBN 9780231538602. OCLC 905914446. ^ Miller, George, ed. (1996). To The Spice Islands and Beyond: Travels in Eastern Indonesia. New York: Oxford University Press. pp. xv. ISBN 967-65-3099-9. ^ Luc-Normand Tellier (2009). "Urban world history: an economic and geographical perspective". PUQ. p.308
ISBN 2-7605-1588-5 ^ a b c d e f Ricklefs (1991), page 27 ^ a b Ricklefs (1991), page 28 ^ Polybius: The Rise Of The Roman Empire, Page 36, Penguin, 1979. Langer, William. An Encyclopedia of World History (5th ed. 1973); highly detailed outline of events online free Media related to 16th century at Wikimedia Commons Timelines of 16th century
 events, science, culture and persons Retrieved from "4 The following pages link to 16th century External tools (link count transclusion count sorted list) · See help page for transcluding these entries Showing 50 items. View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500) Bagpipes (links | edit) List of decades, centuries, and millennia (links | edit)
Fashion (links | edit) Giovanni Boccaccio (links | edit) History of Mali (links | edit) 15th century (links | edit) 1624 (links | edit) 1626 (links | edit) 1626 (links | edit) 17th century (links | edit) 18th century (links | edit) 1626 (links | 
1642 (links | edit) 1661 (links | edit) 1661 (links | edit) 1662 (links | edit) 1572 (links | edit) 1564 (
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1542 (links | edit) 1540s (links | edit) View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500) Retrieved from "WhatLinksHere/16th century" In this blog, I'll talk about my recent challenging experience with my Keystone Bullet's Dometic furnace, the troubleshooting process we went through, and the step-by-step process we took to fix this issue
 Losing a furnace while camping in the winter is no laughing matter and can have serious consequences. If you want a visual representation of this blog, watch the video called: Dometic RV Furnace Breakdown and Step-by-Step Repair. Dometic Furnace Removed I am somewhat thorough about testing my RV systems before long trips, and this latest
trip was no exception. The problem arose with the furnace after a few nights on the road. Temps were below freezing in some of the southern states, and we noticed that the furnace fan would start but not ignite some of the southern states, and we noticed that the furnace fan would start but not ignite. It made for some
cold nights in the RV. National Weather Map - December 24, 2022 We quickly realized that the furnace wasn't going to heal itself and started researching the issue. There had been a recall on the propane regulator on my Keystone model, which we took in earlier in the year to have changed, but we decided to try a new one just in case the replaced
one was bad. This wasn't expensive, and I wanted to ensure we eliminated any issue upstream of the furnace first. RV Propane Regulator After replacing the propane before and after the furnace were working correctly, which they were. This meant
that the furnace itself was where the problem was. After research, we determined that the symptoms pointed to a faulty sail switch not closing when the blower fan was coming on. This switch tells the furnace to ignite the propane, and as it is labeled, it acts like a sail in the blower fan. There can be two issues that seem to beset the sail switch. The
first is debris between the sail and the switch in the unit, and the second is that the roblem with my situation was that there was no outside access panel to the furnace in my Keystone Bullet. Keystone and many RV
manufacturers don't add the external access panel necessary for easy maintenance. So, I had to entirely remove my furnace to access the sail switch and see if it was the problem. I must fault Keystone for going cheap here and adding an extra hour or two of work to do light maintenance. Campsite Side of 2020 Keystone Bullet 243BHS After pulling
the furnace, we checked and replaced the sail switch. Given the amount of work involved, I ordered a replacement switch, just in case the original switch was broken. After replacing the switch and reassembling everything, it fixed the issue. So, let's go over the step-by-step process of doing this maintenance task. Please be aware that this DIY job is
not for everyone, and you need to review this process carefully before deciding to take on this task. We will also have the written process document published on johnmarucci.com in the Resources area. Propane fuel is involved, and if the job isn't done correctly, it can be very dangerous for you and your RV. If you are uncomfortable with any step in
this process, please consult a professional. This process simply walks through how I tackled the issue while on the furnace. Use a pair of needle nose pliers to
remove the proper fuse. Store it somewhere easy to find to reinsert at the end of the process. Turn Off Propane tanks. Go to the area where your propane tanks to the RV during the process. Again, it
you don't feel comfortable dealing with propane out of your lines. You'll need to light your stove in your kitchen and let it run on every burner until the flame dies. Do the same thing with any outside kitchen propane stove. All
propane must be properly bled out of the lines. Access Pane to Furnace Area Step 4 - Open any access area to the furnace, all you need to do is open the hatch to service the sail switch. Otherwise, if you don't have an outside hatch to your furnace, you likely
 will need to pull the furnace to service the sail switch. You may have a furnace's sail switch will be on a side where you can't easily access it. Understand the Furnace Space and Layout Identify the furnace's make, model, and serial number for future
reference. You may need to do this before you start should you want to procure a new sail switch. Using a smartphone's camera is an easy way to do this. Given this information, it isn't too difficult to search online for the correct part. Examine your furnace carefully. You'll need to understand the ductwork layout, electrical, propane connection, and
furnace exhaust. Take pictures and a video of everything on and around the furnace outside exhaust housing for the furnace out
 plastic inner exhaust manifold that needed to be removed. Carefully cut the caulk around the manifold to loosen it from the outside wall. Remove Ductwork is attached with clamps, and some fit into the furnace manually
 Use the appropriate tools to remove any clamps and remove ductwork. Some of the ductwork connectors on my furnace turned to attach or detach from the furnace. Wiring in Furnace and determine if they have enough slack to remain
connected while you remove and service the unit or if they need to detached. There was plenty of slack in the wires, and I did not need to detach them. If you need to detach the propane line. Depending on your RV and furnace,
you may have a hard metal line to the furnace or a flexible propane line. In either case, you will need to remove the unit. Make sure you look carefully to see if the line connector threads have yellow propane line from the furnace to remove the unit. Make sure you look carefully to see if the line connector threads have yellow propane line from the furnace to remove the unit.
had a hard line and no tape. Ensure Proper Ventilation and No Open Flame I used the vice grips to hold the intake on the furnace and a crescent wrench to loosen the line. I used the vice grips to hold the intake portion secure, given the torque being applied to the connector. Also, you may smell some propane once you loosen the line even though you
bled the lines. There may still be some trapped propane in this line, so be careful and have no open flame nearby when loosening this line. Also, have proper ventilation, like your RVs exhaust fan, when doing this Carefully Remove Furnace Step 9 - Remove the furnace. Remove the two mounting screws at the bottom of the unit that go into the
wooden deck. Put on a decent pair of work gloves and carefully lift the furnace up and out of the space where it sits. I used work gloves because of the sheet metal housing. This past year I had to get stitches due to a deep sheet metal cut, so I strongly advise not handling the sheet metal on the furnace without work gloves. Also, placing a heavy towel
on any wood framework you may have to clear when pulling the furnace on to work on it. Place Furnace on Small Stool While the furnace isn't terribly heavy, pulling the furnace out and clearing the propane line and any woodwork
does require decent arm and upper shoulder strength to reach into the space and lift the unit out. It wasn't an easy lift, given the awkward position. Please keep this in mind when considering doing this task. Remove Sail Switch Wiring Step 10 - 
usually a small item with two wire terminals attached to the sail switch. You can do this with your fingers. Usually, there are two small screws that hold the sail switch to the fan housing. Remove these two screws, and then the sail switch
should come out. Keep in mind the direction of the slender sail when removing it. In my case, it was immediately evident that the switch from closing, which tells the furnace to ignite the propane. Examine/Clean or Replace Sail Switch I could have simply cleaned the switch
and reinstalled it at this point, and we likely would have been fine. Yet, after going through the workout to remove and reinstall the furnace, I decided the best plan was to put in the branch to the fan housing. Ensure
you position the sail in the same direction as how it was removed. Re-plugin the wires to the furnace area. I highly recommend cleaning out the furnace area while you have the furnace out. The main issue that besets the sail switch is floating debris
that finds its way into the blower fan. Unlike home furnaces with air filters at the air inlet. RV furnaces generally do not, meaning debris will eventually find its way into the blower fan. Unlike home furnaces with air filters at the air inlet. RV furnaces generally do not, meaning debris will eventually find its way into the blower fan. Unlike home furnaces with air filters at the air inlet. RV furnaces generally do not, meaning debris will eventually find its way into the blower fan.
work gloves on, turn the furnace to the original position, lift it over any threshold, and put it back into the recessed area. Be careful not to kink any wires or hit the propane line. Again, this is an awkward lift requiring decent arm and shoulder strength. Reattach the mounting screws into the furnace deck to secure the furnace back to its original
location. Step 13 - Reattach the propane line to the furnace. If your threading had yellow propane line per the measure of approximate torque the connection had when the line was removed. Step 14 - Reattach electrical wiring. If you had to disconnect any
electrical wiring in an earlier step, use your pictures or labeling and reattach the wires accordingly. In my case, it was a matter of attaching the wiring harness to the access area's ceiling by way of a bracket and screw. Reinstall Furnace Ductwork Step 15 - Reattach ductwork. This is done in reverse order to how they were removed. Make sure all
ductwork is securely attached. For my unit, the side duct was a manual screw metal plate that had to be put in, while the front ducts were attached with clamps. Install Furnace Exhaust Manifolds Step 16 - Reattach the furnace exhaust manifold.
This holds the manifold tightly to the outer wall and provides a measure of water resistance. Next, we attached the external metal exhaust manifold with the original screws. Test the Propane tanks. Use soapy water placed on the
propane connection at the furnace and look for bubbles. There should be no bubbles. There should be no bubbles. I also tested the kitchen stove to ensure propane was coming through the lines. Step 18 - Test the furnace. Turn the thermostat to
"Furnace" and raise the temperature until the furnace blower fan comes on. You should hear the furnace ignite within twenty seconds or so of the furnace's blower fan coming on. Within another minute or so, you should have hot air coming from your RV's registers. Replace Furnace Area Cover Step 20 - Reattach the access panel. Once you are
convinced the furnace is operating correctly, reattach the furnace access panel. Congrats! That'll do it for the step-by-step process of troubleshooting and replacing your furnace's sail switch. I'm not at all happy that Keystone and other manufacturers fail to provide an easy way to access the furnace from the outside of the RV. It would turn a 90-
minute workout into a 10-minute small maintenance job. All the best in your camping endeavors! As always, thanks to our fans who support our efforts by starting their shopping from our Amazon Storefront and by their generous financial support our efforts by starting their shopping from our Amazon Storefront and by their generous financial support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting their shopping from our fans who support our efforts by starting the shopping from our fans who support our efforts by starting the shopping from our fans who support our efforts
is greatly appreciated!
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