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## How to Provide Garage Door Lubrication Maintenance

Without proper lubrication maintenance, even the best overhead garage door will begin to perform poorly. You can expect all sorts of strange sounds, faster wear and tear of the moving components, and more frequent repairs and parts replacement. If you apply the right lubricant correctly, you will receive a door which operates safely and effectively at all times.

### Lubricant Selection

Check the door and opener owner's manuals for recommendations - Some door manufacturers recommend one particular type of lubricant over all other ones. The same applies to some of the manufacturers of chain drive and screw drive garage door openers. You should follow the recommendations strictly to avoid breaching the warranties which have been given to you.

Compare the main types of lubricants available - The basic light household oil will most certainly do the work well and provide for optimal operation for a sufficiently long time. Graphite-based lubricant is not sticky and does not attract dust, dirt, and insects. This is its major advantage in addition to doing a good job. Lithium-based lubricating spray is recommended for colder climates as it helps the moving garage door parts to work properly even when the temperature is extremely low. Lubricant based on silicone will allow for excellent performance, but it is somewhat sticky. It is usually preferred for the drive chains and screws of openers. In general, these opener parts should be lubricated with a product which is especially designed for them.

### Effective Preparation

Get the product, tools and safety gear ready - All liquid and spray products have appropriate applicators at the top. Still, when you apply a liquid product, you benefit from using a long thin brush as well, to ensure it spreads evenly on larger areas which require lubrication. When it comes to safety equipment, wear gloves just in case. If you have decided to apply a spray lubricant and are not particularly confident about your application skills, place safety goggles on just in case. This can make you a bit more confident and help you to concentrate better.

Clean parts which will receive lubrication - The moving metal parts which require this type of maintenance include the garage door springs and rollers. Keep in mind that nylon rollers must not be lubricated. The other sections of the door which require this sort of care are the sections of the lift cables at the bottom bracket button and the bearing of the sheaves. Dust and dirt should

be removed from these parts before lubrication and must remove any rust with appropriate solvent. The opener's rail which has the drive screw or chain running over it must be cleaned with a damp rag as well.

### Lubricant Application

Apply an even thin layer of the lubricant along the whole surface of the respective part - You should do this with extra care and without rushing matters. If you accidentally apply too much of the lubricant on one spot, you should wipe off the extra amount. Ensure that the coils of the torsion coil trampoline spring are properly lubricated and cover the rollers well without using too much of the product.

Run a full door cycle to ensure that the lubricant is properly spread - This is particularly valuable for the garage door rollers which are generally the most difficult to lubricate. Check all lubricated parts again after the opening and closing cycle to confirm that you have done a good job.

You should not let the moving parts dry completely before you apply lubricant again. Provide regular inspection to ensure they are properly greased and operate smoothly and quietly.

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