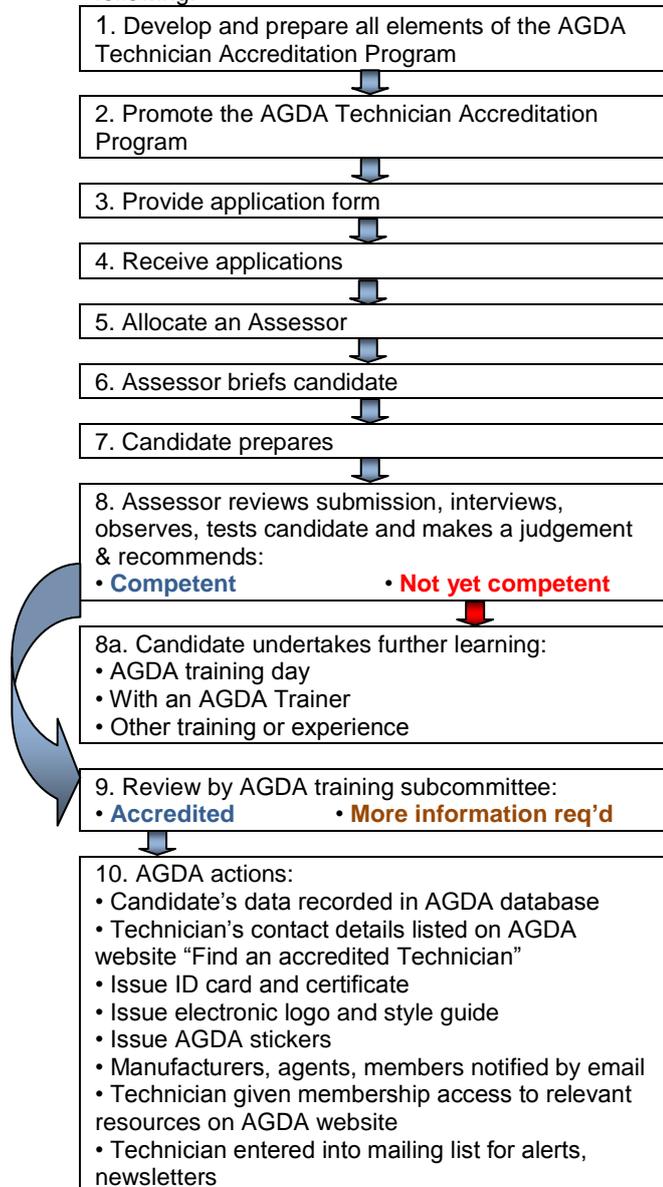
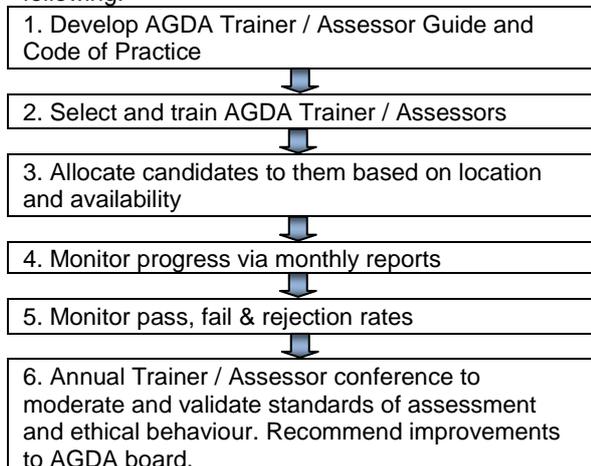


TRAINING FOR GARAGE DOOR INDUSTRY

- ◆ It is planned that the a flowchart for **AGDA Technician Accreditation** will be based on the following:



- ◆ It is planned that a flowchart for **AGDA Trainer Assessment Management** will be based on the following:



KEY TRAINING RESOURCES

The AGDA training program when fully developed will include a detailed **Handbook** and **Work Health Safety Site Kit** to assist installers on site.

The **WHS Site Kit** will be structured as a hands on document to guide installers every step of the way on site and the content of which will be comprised of the following:

+ INTRODUCTION AND INSTRUCTIONS

+ SETTING UP THE KIT

+ REGULAR WHS TASKS

+ POLICY

+ SWMS (Safe Work Method Statement)

+ FORMS:

- ~ WORKPLACE INSPECTION
- ~ JOB SIGN-OFF
- ~ TOOLBOX TRAINING RECORD
- ~ WORK INJURY AND FIRST AID
- ~ INCIDENT REPORT
- ~ QLD ONLY – QBSA FORM 16 – LICENSEE ASPECT CERTIFICATE

+ REGISTERS

- ~WORKER SKILLS REGISTER
- ~ELECTRICAL TOOLS AND EQUIPMENT
- ~LIFTING GEAR
- ~HAZARDOUS MATERIALS
- ~LADDER REGISTER

+ INSURANCE CERTIFICATES

+ SAFETY ALERTS AND GUIDANCE

+ CODES OF PRACTICE

+ MSDS AND SDS

+ RECORDS

- ~WORKPLACE INSPECTION
- ~JOB SIGN-OFF
- ~TOOLBOX TRAINING RECORD
- ~WORK INJURY AND FIRST AID
- ~INCIDENT REPORT
- ~WORKER REHABILITATION

Not every site will involve all of the above but the procedures and forms can cover the range of eventualities of work on differing sites for door installers.

NEW MEMBERS & DEALER MEMBERS

We welcome the following organisations as members of AGDA:

Downee, Laverton North VIC

GfA-ELEKTROMATEN Australia, Chatswood NSW

Auto-Lift Garage Doors, Auburn NSW

Ammo Garage Doors & Gates, Underwood QLD

ALL-Style DOORS, Narellan NSW

Delta Warringah Garage Doors, Pendle Hill NSW

The Doorman, Kelso NSW

Anydoor and Gates, Girraween NSW

All organisations receiving this newsletter by post are encouraged to confirm to AGDA their current email address so that we can plan more efficient electronic dissemination of industry information.

A USEFUL INDUSTRY RESOURCE

AGDA has published a consumer safety leaflet which is available from AGDA direct or the website www.agda.org.au and it includes two very important messages for consumers which can assist in enhancing opportunities for dealer member service contracts.



SERVICE & REPAIR

1. Lifting Cables: (If fitted). Visually check for wear. If there is fraying or signs of corrosion contact a professional garage door technician. These cables are under extreme tension and should never be adjusted, except by a professional garage door technician. On no account should you attempt to unscrew or adjust the bottom cable hangers on the bottom panel of the door. Serious injury may result.
2. Fasteners: Visually check that all screws, nuts and bolts appear secure.
3. Spring Tension: It is natural for springs to lose tension. Should the door become hard to operate or become completely inoperative, contact a professional garage door technician.

TO MAINTAIN YOUR DOOR IN GOOD RUNNING ORDER IT IS IMPORTANT YOUR DOOR BE SERVICED BY A PROFESSIONAL GARAGE DOOR TECHNICIAN EVERY 12 MONTHS OR EARLIER AS CONDITIONS MAY REQUIRE.

WARNING

The spring unit is under tension at all times and should never be adjusted, except by a professional garage door technician. No operator or other person should ever stand directly in the path of the door in its downward travel or walk through the doorway while door is moving. Always use the door handle to manually operate the door. *If the door is now, or later becomes automatically operated, the pull down rope on the door, where fitted, must be removed.*

This leaflet is provided for general guidance only. Please always refer to the manufacturer's specific instructions for the safe operation, maintenance and warranty of your garage door and opener.

A WORD ABOUT SPRINGS

The warning in the above section regarding springs can be illustrated in the following statistics from a survey by AGDA which showed that of the doors in the survey

37% were NOT in good mechanical condition

10% did NOT operate up and down smoothly

7% were NOT balanced for smooth/safe operation

Much of this relates to the performance of the door spring system.

GARAGE DOOR SPRINGS AND YOUR SAFETY

Garage door springs are tightly wound, meaning they are under a lot of tension. When they break, or when some unsuspecting DIYer tries to fiddle with them, they can cause a whole lot of pain.

Wise DIYers know that this is one household chore that is best left to the pros. If your garage door is old, or if it is showing signs of age, let a professional door technician inspect your garage door springs.

OUT OF BALANCE SPRINGS

The best sign of a well-functioning garage door is that it opens and closes smoothly and quietly. When it stops working as it should, the problem can be serious.

Try operating the garage door manually (pull the cord attached to the arm connecting the rail trolley system to the door).

If the door continues to be difficult to operate, the problem could be that the springs are out of balance.

In this case, you can be confident that the problem isn't going to fix itself. And failing to fix it could result in an escalating list of worn and broken parts. Call a pro ASAP.

GARAGE DOOR SPRING BRACKETS

Garage door springs are attached to brackets on the bottom of the garage door. As with the springs, these brackets are also under a lot of tension and should only be adjusted or otherwise maintained by a pro. Newer models of garage doors have tamper resistant brackets that prevent the curious but inexperienced among us from getting into trouble.

If you are like most people, you probably have paid very little attention to your garage door springs. While understandable, this oversight is also a bit unfair.

There's really no single part on your garage door and garage door opener that is more important to the raising and lowering of the door. That's one reason for paying some respect to the springs.

Here's another: Garage door springs are dangerous! Very dangerous, in fact, consider all the safety warnings before thinking about repairs or replacements as a DIY project.

HOW NOT TO REPAIR A GARAGE DOOR

There are a number of garage door accidents that occur due to faulty springs, structural defects, improper or negligent installation, repairs, or failure to maintain automatic garage door systems.

Here is a story from a DIY enthusiast in USA illustrating why a professional door technician would be a priority choice for spring repair/adjustment.

"A classic example of my penny-pinching foolishness is when I tried to repair my own garage door.

I didn't have a fancy automatic garage door back then. I just had a manual unit: drive up, get out, lift the door, get back in, drive in, get out, close the door. Everything was fine with my little garage door, but I felt that it could be a tad easier to lift. So, I decided to adjust the spring tensioning mechanism myself. Who needs a professional, right? Mull on that last line for a few minutes...

Garage doors are heavy, and without the springs, all you've got is dead weight — too heavy to lift. To adjust the door, I had to tinker with the spring coiling components — it's the coiling process that makes the door easier to manoeuvre. When I reached what I thought was the ideal balance of tension and torque, I lifted the door. It went up nicely. So far, so good, I thought. I made a few more tweaks and then lowered the door. That was a mistake.

As I lowered the door, all the spring support went completely slack. Suddenly, I had 300 pounds [136kg] of wood crashing down on me. I slowed the door's descent a bit, but it wasn't enough. The door fell with a crash, and my left hand was mashed to the ground — pinned between the door and the concrete floor. I couldn't budge the door an inch, and since it was well into the night time — and I was in pain — I had to holler and yell to be "rescued." No man ever likes to be rescued. It's just not dignified.

To this day, I still like to repair things, but I've learned my lesson about messing with spring-loaded slabs of wood at night time. My hand healed nicely, and I eventually got over the indignity of being rescued. But, no matter how much I might be tempted, I'll never take a wrench to a coiled-up spring again. Words to live by... with an emphatic emphasis on "live."

David McCoy" (sourced from internet site)

For anyone still determined to do their own thing for replacement of Garage Door Torsion Springs then you will need to establish the following to get the right spring for the door-

- ~Measure the Length of the Spring
- ~Determine the Wire Size
- ~Determine the Inside Diameter (ID)
- ~Determine the Wind of the Spring (left or right)
- ~Determine any Special Types of Spring Ends
- ~Measuring gaps between the coils

The garage door width, height and model number may assist in sourcing the correct door spring(s) but location of a suitable supplier can be fraught with problems for the average DIY enthusiast.

In the end, is it not just more sensible to minimise risk and choose a professional door technician to do spring repair/adjustment work?

SOMETIMES A TECHNICIAN MAY NOT STRICTLY FOLLOW MANUFACTURER INSTRUCTIONS

THIS INCIDENT HAS BEEN SUMMARISED FROM B&D DOORS & OPENERS SAFETY ALERTS, WITH THEIR KIND PERMISSION. FOR THE FULL WORDING OF THE INDIVIDUAL INCIDENT REPORT PLEASE CONTACT AGDA OR B&D DIRECT.

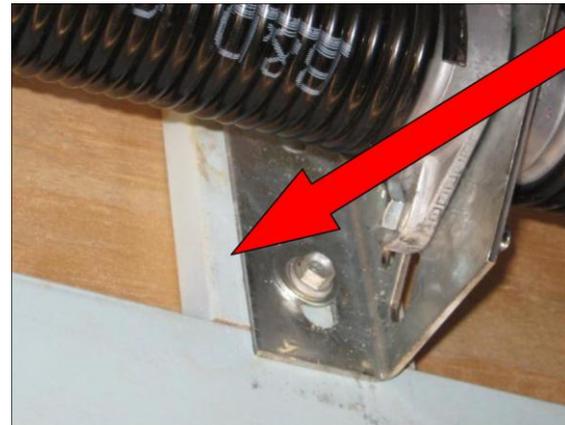
THE PURPOSE OF SUCH SAFETY ALERTS IS TO SHARE SAFETY RELATED INFORMATION AND RAISE AWARENESS OF POTENTIAL INCREASED RISK SITUATIONS OR ACTIVITIES, AND NOT INTENDED AS REPLACEMENT FOR SYSTEMATIC HAZARD IDENTIFICATION AND CONTROL.

Incident Summary:

A Dealer's Installer installing a Panel Door needed to pack the centre spring anchor bracket. The installer utilised short anchor screws as a short term fix to come back and fit longer screws later.

As the installer was attaching the opener arm after tensioning the springs, the screws pulled out of the wood and the anchor bracket spun around releasing the stored energy and struck the installer causing serious injuries (face, chest arms and sufficient to cause the installer to be on compensation for a period of more than three months.)

View of the block behind the spring anchor bracket



Key Learnings:

The release of stored energy in tensioned springs is a high risk in all door installations. Installation instructions must be followed

The correct anchor screws/bolts must be utilised at all times.

Taking short cuts "To come back later" is high risk.

Dealers are encouraged to discuss this incident with staff, with particular consideration of utilising the correct anchor screws or bolts.

TECHNICIAN DIES, DOOR DEALER FINED \$70,000

[Reproduced with the kind permission of Door Access Systems Newsmagazine Fall 2013]



A garage door technician was tragically killed on a job site. The court found this door dealer guilty of three serious violations.

Door Dealer Fined \$70,000 After Technician Dies.
Source: "Dong Fong Garage Fined \$72,500 After Worker Killed By Fall," Canada Ministry of Labour, Court Bulletin, July 4, 2013.

On March 20, 2010, a garage door technician from Dong Fong Garage was removing a spring on a large industrial garage door in Markham, Ontario. The spring popped out of its bracket, hit the worker on the chest, and knocked him off a ladder. The tech fell more than 10' (3m) and subsequently died from the injuries.

Three years later, Dong Fong Garage was convicted under Canada's Occupational Health and Safety Act and fined \$72,500 for:

- (1) Failing to provide a scaffold to a worker when work could not be done safely from the ground,
- (2) Failing to ensure that a worker was adequately protected by a fall protection system, and
- (3) Failing to provide instruction to the worker to protect his health and safety.

GARAGE DOOR INDUSTRY ON SHOW

AGDA is pleased to announce it has agreed to support the international exhibition organisation R+T Stuttgart which will bring the world renowned concept to Australia in 2014.



Think global.

Meet us **WORLDWIDE**.

Organized by Messe Stuttgart, R+T Stuttgart is the leading world trade fair for roller shutters, windows, doors, gates, and sun protection systems. Based in Germany, R+T Stuttgart sets the benchmark for exhibiting companies and visiting professionals alike.

R+T Australia is a specialised trade fair dedicated to roller shutters, windows, doors, gates, and sun protection systems.

The inaugural R+T Australia exhibition will be held from August 21-23, 2014 at the Melbourne Conference and Exhibition Centre (MCEC), in the heart of Melbourne (right next to Crown Casino).

R+T Australia 2014 will offer the building industry a genuine one-stop shop to see the latest technology, developments and innovations in roller shutters, doors, gates, windows, glass and sun protection systems. It will present the industry's widest cross-section of suppliers of these products – including established Australian firms, as well as those looking to enter this market from Europe, Asia, the Americas and other regions.

Whether you are looking to inform the industry of the products and services you provide in roller shutters, doors, gates, windows, glass and sun protection systems – or are looking to specify, install or build with these products, R+T Australia in August 2014 will be the place to be!

In addition to the exhibition, R+T Australia 2014 will incorporate forums covering such topics as building energy efficiency,

- high efficiency sun protection,
- glassing of facades,
- “green” building innovations and more.

R+T Australia is organised by Messe Stuttgart in conjunction with Link Exhibitions. Foundation technical and conceptual support is being provided by Germany's Federal Association for Manufacturers of Roller Shutters and Sun Protection (Bundesverband Rollladen + Sonnenschutz e.V.) and the German National Federation of Door and Gate Manufacturers (BVT – Verband Tore).

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