

This booklet is designed to be used as a companion to the Beugler Instructional Video Presentation. The techniques, paints, solvents and materials used in this booklet are recommendations only. The user assumes full responsibility for their proper use.

► Reset your video player to 00:00 when narration begins.

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THE BEUGLER GUARANTEE

The Beugler Striper is guaranteed to be free from manufacturing defects in material and workmanship.

New Instructional Video Presentation

Beugler's new 40 minute video presentation was created to thoroughly explain the many features, benefits and tips described in the booklet that will help painters get the most out of their Beugler striping tool. Everything you need to know about pinstriping with the Beugler tool are demonstrated in complete detail.

This video tape is a must for anyone in the pinstriping business as well as craftspeople and artists, or anyone who wishes to use the Beugler tool as an extension of their creativity.

**To order your video call toll-free: 1-888-BEUGLER
238-4537**

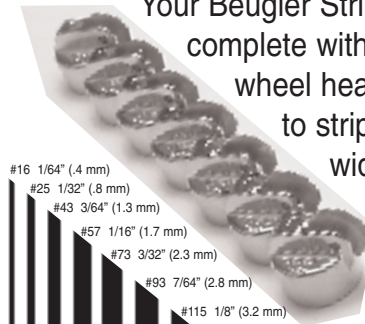


INTRODUCTION

The Beugler Striper makes pinstriping and detailed paint lining on any surface remarkably simple, and it's easy to use.

Your Beugler Striper comes complete with a variety of wheel heads enabling you to stripe in several widths, from

extremely fine lines to clean broad strokes.

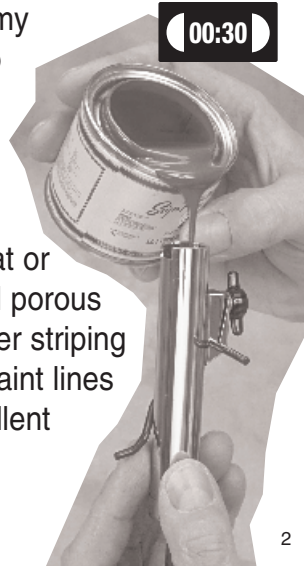


- #16 1/64" (.4 mm)
- #25 1/32" (.8 mm)
- #43 3/64" (1.3 mm)
- #57 1/16" (1.7 mm)
- #73 3/32" (2.3 mm)
- #93 7/64" (2.8 mm)
- #115 1/8" (3.2 mm)

(Lines shown at approximate size)

See page 28 for optional wheel heads

Use most any creamy consistency paint to obtain excellent results on virtually any surface from metal to cloth, even glass and wood. Flat or curved, smooth and porous surfaces, the Beugler striping tool applies clean paint lines and gives you excellent results with very little practice.





The Beugler Striper uses a unique wheel head design that distributes paint evenly on any surface.

- *The Beugler tool is safe and non-pressurized*
- *Is not gravity fed which enables paint to flow in any position.*
- *No tape is needed for clean edges.*
- *And The Beugler Striper eliminates stick-on vinyl tape and paint brushes.*

The Beugler Striper's precision design and machining allows for an even layer of paint to be applied without variance in thickness or width. The Beugler striping tool consists of a paint barrel and a friction fit wheel head. When rotated the wheel picks up and distributes paint evenly by way of precision serrations, regardless of speed of application.

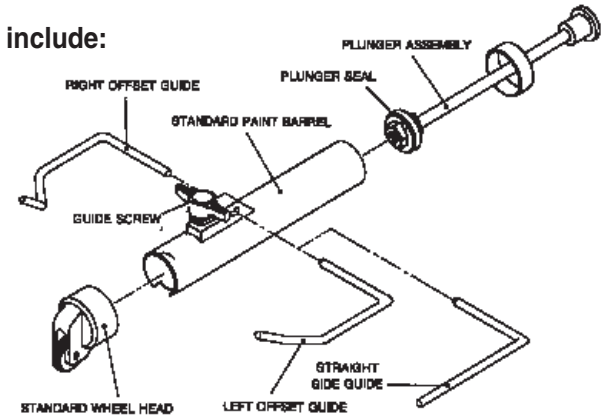
THE TOOL'S PLUNGER PROVIDES A READY SUPPLY OF PAINT WITHOUT PRESSURIZING THE BARREL.

Both Professional and Deluxe Kits include:

- (3) guides,
- Clean-up brush
- 2/3 oz. (20 ml) Paint Barrel (which stripes 250 to 1750 feet, depending on stripe size)

Length: 4.25" (110 mm)

O.D.: 3/4" (19 mm)



Special 10 Wheel Head Set includes:



LUBRICATION & MAINTENANCE

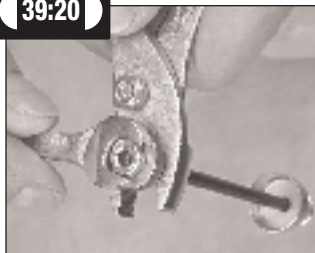


The **wheel(s)** should be lubricated with light weight oil after using water based paint or for extended storage.

Place a drop on either side of the wheel and turn.

If the **plunger seal** is damaged and needs replacing, simply remove the outer nut and washer at the end of the plunger

39:20

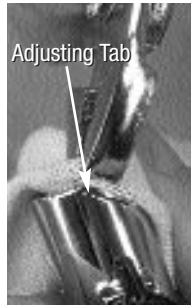


and replace with new seal, and re-assemble. **Adjust the plunger for a smooth friction fit** by gently tightening the nuts, which expand the plunger seal.

Should the wheel head become loose on the paint barrel, the **adjusting tab**

can be slightly **expanded** for an optimum (tighter) fit.

With proper care, your Beugler striping tool will provide you with years of excellent performance.



Adjusting Tab

LOADING THE TOOL

Before loading your tool with paint, make sure the wheel turns freely and the plunger moves in the barrel with a smooth friction fit.

02:28

To load the Beugler striping tool remove the wheel head by firmly pulling it off. Pull the plunger back allowing space for your paint. **Most paint can be used directly from the can if it has a creamy consistency.**

Do not use paint that is too thick and won't pour.

Do not use paint that is too thin and drips.

Once you have filled the tool with the appropriate amount of paint, replace the wheel head by pressing it firmly onto the paint barrel. Be sure to align the wheel head with the guide bar on top.

Wheel Into Notch



03:43

Hold the tool vertically and gently expel the air in the barrel and lift the paint to the wheel by pressing the plunger upward until you see a small bead of paint at the wheel. Remember, the wheel rotates to pick up paint in its serrations. Wipe off any excess paint before striping.

Now you're ready to stripe. Using enough downward pressure for the wheel to roll, begin striping.

You'll find the Beugler tool will stripe everything with ease.

The Beugler tool should only be used with the wheel rotating in this direction.

Reversing the direction results in paint build up at the base of the wheel. If this should happen wipe clean.



CLEAN UP

37:41

- ▶ Clean up is easy: Simply pull back on the plunger and remove the wheel head.
- ▶ Push the remaining paint out using the plunger.
- ▶ Remove the plunger and clean with solvent, or water for water based paints. There is no need to submerge the entire tool in solvent.
- ▶ Push a swab soaked with solvent through the paint barrel.

Flush thoroughly with thinner by spinning the wheel until the thinner is completely clear.



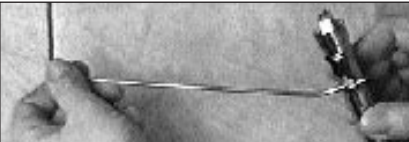
- ▶ Press it through using the end of the plunger.
- ▶ Clean the wheel and head thoroughly with the brush, removing all paint residue.

CUSTOM GUIDE ARMS

36:31 Custom guide arms can be made and fit just like your standard guide arm.

Using *exactly* 1/8" (3.2 mm) metal wire or rod, bend an angle on one end. Then, cut to the desired length.

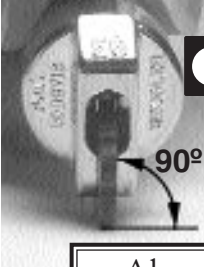
Bend the other end appropriate to the project's edge that you're striping. Long guide arms must be used with both hands.



CHANGING STRIPE SIZE

37:10 To change the stripe size while using the same color:

- ▶ Hold the tool vertically.
- ▶ Pull down on the plunger.
- ▶ Remove the wheel head.
- ▶ Replace with desired wheel head and align.
- ▶ Lift paint level back to wheel by pressing up on plunger.



05:05 Before striping, prime the tool with a couple of short strokes, which coats the wheel with wet paint.

Always keep the wheel flat to the surface for an even line width.

Place the wheel down firmly and pull, rolling the stripe on your surface.

With a twist of the wrist a curving, even line can easily be applied.

If you *tilt* the tool from flat position to its edge you will achieve a tapered line either straight or curved. Lifting at the end of this stroke produces a pointed tip.



The speed that you pull the tool or changes in the speed have no effect on the stripe size. Even shaking the tool will not produce a drip. Only when the wheel rotates on a surface will paint be distributed.

HOLDING THE TOOL

06:18

Holding the Beugler tool like a pen may limit control and versatility.

The most common grip is much like a utility knife where fingers are on one side, opposite the thumb or with the index finger on top, much like a glass cutter. Keep your wrist loose for smooth curves.

Holding the tool more vertically will allow for tighter turns. With the tool almost parallel to the surface, straight lines are easily achieved even without a straight edge.



REMINDERS

33:54

Using Quick-Drying Paint:

If your project requires water-based acrylic paint remember to **keep the tool covered with a wet cloth when not in use** to prevent paint from drying on the wheel.

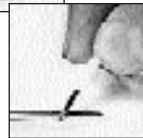
This is particularly important with any quick-drying paint, as it will clog the wheel's serrations and produce uneven striping.

Touching up:

If a break occurs at the beginning of your line, remember to wet the wheel with a couple of strokes immediately before starting your stripe. *Or correct by touching up with the corner of the wheel or a small brush.*

Removing Old Striping:

Use a hairdryer to soften the vinyl striping and adhesive. Old painted stripes can also be removed using the appropriate solvent.



SOLVENTS & TAPES

Various types of solvents may be necessary for the job you plan to do, including: ▶ Mineral spirits ▶ Wax, grease & adhesive remover ▶ Lacquer thinner.



32:19

Some of the tapes you may find useful include various widths of paper masking tape, low profile tape such as “Fine Line” by 3M and flexible vinyl tape.

Always be sure you have something to clean up with.

The Beugler tool can be used to stripe any project you’re working on, but be sure to have the appropriate solvent and rags handy.

07:05

The Beugler tool will stripe over a thousand feet on a single barrel full of paint, depending on the wheel size. However for extensive practicing or mural painting a squeeze bottle is handy for refilling.

Experiment with your Beugler tool to explore all of the possibilities.

- 1) On a pad of paper practice some free-hand straight lines.
- 2) Then try some tapers.
- 3) Tips are done by pulling a taper away

from you. Then come back toward yourself, starting with a taper and pulling into a full width as you separate the lines.

4) Run curved or straight lines parallel to each other, starting and stopping with tips on each end.

5) Finally, do lots of nonstop figure 8’s starting large and working smaller.

Try to keep the stripe width constant and your wrist loose.

08:35

If there's a secret to learning freehand striping, it's simply to practice the five basics first, then combine them for your designs.

Flames:

To create flames repeat the pattern of curve, taper, tip, curve, taper, tip over and over again. Starting with a curve pulled away from you, ending with a taper, make a tip by pulling the tool back, from edge of wheel to wheel flat on the surface, and continue with a curve.

Flames can be a dynamic graphic element as well as a great learning exercise.

The weight, size and balance of The Beugler Striper allows for superior control and precise detail. By simply rotating the wrist or twisting your fingers you can obtain a variety of painting effects.



PAINTS, INKS & MORE!

Many types of paints, inks and even glues work well in the Beugler striping tool.

► Most brands of signpainter's enamel work very well right out of the can.

► Oil and water based art mediums are ideal.

► Most modeler's paints work very well but **avoid thin watery mediums.**

31:45



► Conventional house paint can be used for interior and exterior decorating and detailing. ► Even some decorator enamels and automotive paint may be used.

Make sure paint is creamy in consistency. Avoid quick drying paints.



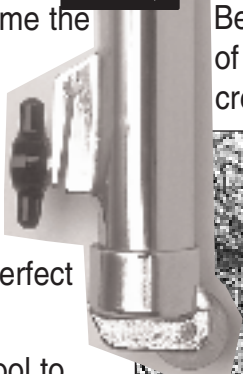
ARTISTIC APPLICATIONS

The Beugler striping tool has become the state-of-the-art for pinstriping, but many artists use the striper as they would any art tool.

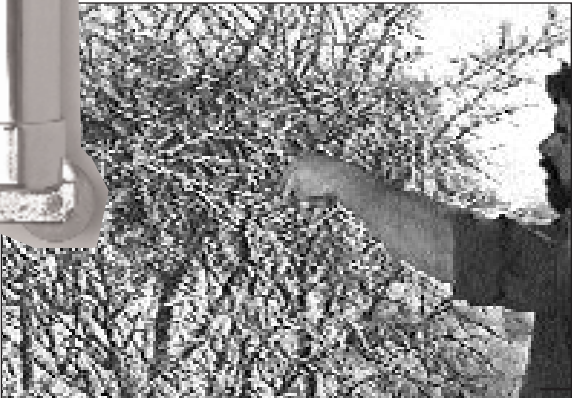
Since the Beugler Striper *can apply paint on demand, in any position and on any surface*, it is perfect for many fine art applications.

Here Bob Reid uses the Beugler tool to help create details in a mural in the Museum of Natural History in Los Angeles.

30:44



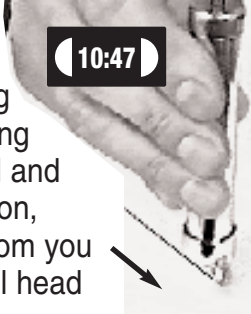
You can clearly see that the Beugler tool can be an extension of artistic expression, expanding creativity to a new level.



GUIDE LINES

10:47

One method for following a guide line or for outlining is to turn the tool around and hold it in a vertical position, pushing the tool away from you using the wheel or wheel head as a sight.



Direction can be controlled by simply twisting the tool with your fingertips. Be sure to hold the tool in a vertical position



to the surface to maintain line width. Guide lines can be helpful for accurate work. Use a "Stabilo" marking pencil to establish your guide line.

There are two recommended techniques for following your guide line:

First, hold the tool parallel to the surface and **pull** next to the guide line.

Second, use the vertical grip and **push** on the line using the wheel as a sight.



As you approach the starting point of your line, look ahead for a seamless match up.

For a second line, use the



shoulder, located next to the wheel as a sight to maintain an even space between the two lines.

Push the tool forward with a steady motion, keeping the shoulder of the wheel head along side the edge of the first stripe.

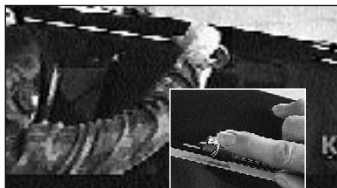
For easier corrections allow first stripe to dry.

TAPE AS A GUIDE LINE

Using masking tape as a guide line is fast and particularly useful on large vehicles and non-ferrous surfaces. When using tape as a reference line, keep your eye on the space and maintain an even distance between the tape and the stripe.

Do not touch the tape with paint wheel!

If you find that the space is increasing or decreasing make a gradual adjustment and the correction won't be noticed.



up to converge the two lines and begin striping. **This second stripe can be a different size and color.**

28:20 There is no need to stripe a car in sections. The entire side should be done in one pass.

When slowing for obstacles such as mirrors and door handles your stripe width will remain consistent. Simply walk with a smooth continuous motion the entire length of the car.

Even if you need to pause momentarily, your stripe will be perfect.

Continue to your predetermined end point, stop and lift the tool.

When a particular angle is important you may use masking tape for your start and stop points (see pg 13). Simply roll the tool over the tape to begin and end. **Remove the tape while the paint is wet.**

If for any reason you wish to remove the stripes you've just painted with lettering enamel, simply use some mild paint thinner. With a couple of strokes the stripes will be completely removed.

27:09

Before striping, get into a position where you can see the wheel making contact with the surface of the car.



Keep your arm extended in front of you. This will keep the tool parallel to the magnetic guide.

Use your other hand to keep your balance. **As you move from front to back be sure to remember to walk backward smoothly, in a continuous motion**, with a toe-heel step, one foot

behind the other. **Do not shuffle** and keep your painting arm extended. With very little effort you'll be striping with professional results. If you have a **second magnetic guide** you can proceed to the other side of the car without delay.

TO MAKE A PARALLEL SECOND STRIPE THAT STARTS AT A POINT:

- 1) Re-adjust the guide arm for the second stripe.
- 2) Place the guide arm in the magnetic guide track.
- 3) Slide the end of the magnetic guide

USING GUIDE ARMS

18:53

Your Beugler Striper comes with various adjustable guide arms that will help you effortlessly paint parallel to any existing edge.

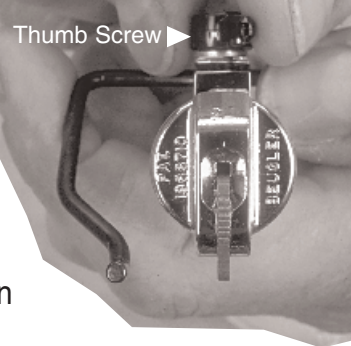
As you pull the striper, be sure to keep the guide touching the edge for a precise parallel line to that edge.

Simply adjust the guide arm to the



distance you want to stripe from the edge. A thumb screw located on top of the tool secures the guide when in position.

Be sure to hold the tool parallel to the edge you're following. Loosen the thumb screw and re-adjust and secure the guide arm for an additional parallel line.

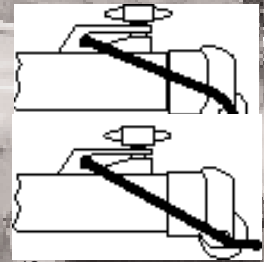


Thumb Screw

19:42 *Wheels and rims are easily painted by rotating them while keeping the Beugler tool with guide in a set position.*

Guide arms are designed to be used on either side of the tool.

Masking tape at the beginning and end of the line help



ensure a clean end to the line, or simply stop and lift the tool for a clean, rounded end. Or tilt the tool to one side or the other for a tapered end.

To precisely determine the location of tapered or square endings, it is suggested that you use low profile tape at either an angle for tapered ends or right angle for square ends. Simply run the tool over the tape and gently lift tape from your surface



An alternate way to align the magnetic guide is to simply lay it on the side of the car from one end to the other, sliding a ruler along top and bottom, sighting down the magnetic guide as you go.

25:43

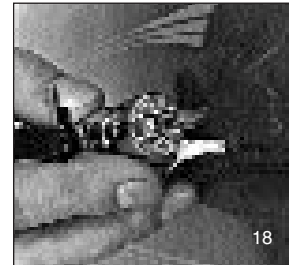


When using the guide arm be sure to **put pressure on the paint wheel, not the guide arm**, as this can tend to lift the wheel slightly from the surface. Instead, lift the



guide with a slight twist allowing the wheel to make flat contact with the surface to be painted.

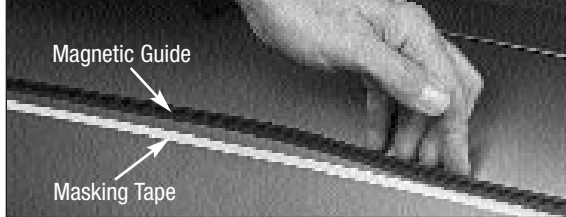
When using the edge rather than the track of the magnetic guide it's a good idea to use your finger under the edge opposite the guide arm to prevent the magnetic guide from moving. If the guide arm comes in contact with the car's surface wrap it with masking tape.



Apply wax and grease remover liberally to a rag, and rub surface vigorously. Then follow with a clean cloth to eliminate any remaining solvent and dissolved wax from painted surface.

24:36 One method for quickly aligning the magnetic guide is to first snap out a strip of masking tape about an inch below the striping area. Follow the body contour as you go.

This technique will conform to the car's shape and yield excellent results.



Smooth the tape down by hand.

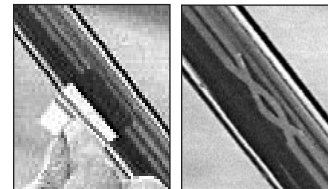
Place the magnetic guide above the masking tape along the full length of the car.

Moving from one end to the other, gently push the magnetic guide to the edge of the masking tape. Now your track is in perfect position.

while the paint is still wet. Masking tape can also be used to create a clean break in your striping work. A detailed connection can then be added.

For bolder line weights use one of the wide wheel heads.

To avoid inconsistent lines that could occur by twisting the tool use your index finger on top and...

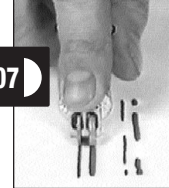


Keep the Wheel Flat for Perfect Wide Striping!

The double wheel head is also very useful. Like the wide wheel head, if the tool rocks to either side the wheels will not be in contact with the surface. To ensure consistent line thickness, **keep the tool flat to the surface and use your index finger as shown to maintain wheel contact.**

The double wheel head is ideal for use where a standard single-color double stripe is called for.

21:07

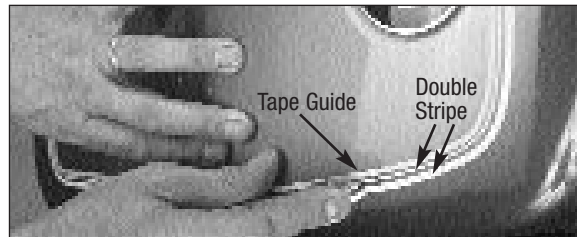




To keep the Beugler tool flat, let your little finger lightly slide along as you move across the surface with the

index finger holding the wheel in contact with the surface. Again, a small piece of masking tape can ensure a perfect flat edge to the end of your line. Narrow masking tape is more suitable for a reference line when striping tight curves. With little effort you can shape

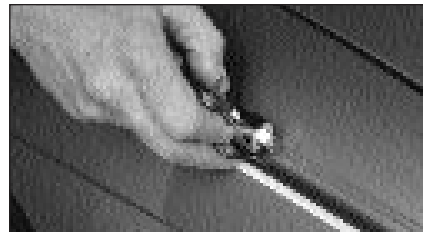
your tape into any reference line... then follow the path with the Beugler tool. Remember to keep your body in the most comfortable position to avoid straining. The Beugler tool will execute a consistent line weight regardless of the speed at which you stripe, so relax and enjoy.



STRIPING A CAR

For perfect striping on cars, trucks or any steel surface use Beugler's flexible Magnetic Guide. This will guide your tool and assist you in painting flawless straight lines or long smooth curves.

24:12



Prior to striping a vehicle, make sure you have your:

- Beugler striping tool
- Lettering enamel paint
- Magnetic guide
- Masking tapes
- Clean- up rags or tissue
- Thinner
- Wax & grease remover.

