

THERMALBLADE

HEATED SAFETY WIPER BLADE

THE END OF AN ICE AGE



THERMALBLADE



Made in Pennsylvania

Aerodynamic Spoiler
Reduces Lift

Thermostatically controlled...
Activates just above freezing

38 Degrees F or below
(4 Degrees C)



Reusable Frame

Silicone Squeegee, Replaceable at a
FRACTION
of the cost of any
traditional wiper blade...



Heating Element slides into the squeegee
HEATS the BLADE
from the inside

THERMALBLADE Safety Wiper blade system provides clear visibility for your drivers.

The THERMALBLADE Heated Silicone Safety Wiper. With our patented heating technology, activates during winter weather. Activation Heats up the element to melt any falling snow or ice... eliminating icy build up.

"Clearly" out performing the industry standard rubber blade.

Replaceable squeegee = less waste/less cost

Features

- Silicone Blades (Easily Replaceable)
- 1 Time Install - low cost to maintain
- Thermostatically Controlled
- Aerodynamic Spoiler Reduces Lift
- High Quality Silicone Compound
- Ensures Greater Visibility
- Heats up at or below 4 degrees C



Benefits

- All Season Performance
- Cost & Time Savings
- Auto Activated Heating Element
- Reduces annoying chattering
- Activated Silicone-Coating Action
- Increases Productivity
- Eliminates Ice & Snow Build up

Compatible w/ Fleet Vehicles.



Emergency Services

Motor Carrier

Transit



Public Service



Personal



Farm / Ag



Equipment



Tow

Compatible w/ Personal & Work Vehicles.

INTRODUCTION

THERMALBLADE products deliver an upgrade in performance to help you see better in all weather.

The squeegee of all THERMALBLADES are made of silicone, which ensures greater visibility by applying a transparent silicone coating on the windshield, in effect causing continuous water beading in warm weather. Silicone also extends the life of the wiper 2-3 times longer than rubber. Silicone also ensures a silent, clean wipe rain or snow providing you with the visibility you need to be safe.

During inclement winter weather the silicone is heated with our heating technology to maintain the same visibility as warm weather.

Water beads up into droplets at low speeds that are easily removed by ordinary wiping. At higher speeds, wind velocity pushes the water off the windshield, often without even turning on the wipers. The silicone coating also reduces drag and eliminates annoying chattering, to provide greater comfort for both driver and passenger.

The best part is that THERMALBLADE Silicone Safety Wiper reapplies the silicone coating every time the wipers are used. THERMALBLADE Silicone Safety wipers maintain a sharp, clean edge and offer better resistance to all climates, and with our patented heating technology when the winter weather begins the element heats to melt any falling snow or ice and eliminates icy build up, clearly out performing the industry standard rubber blade with their durability.

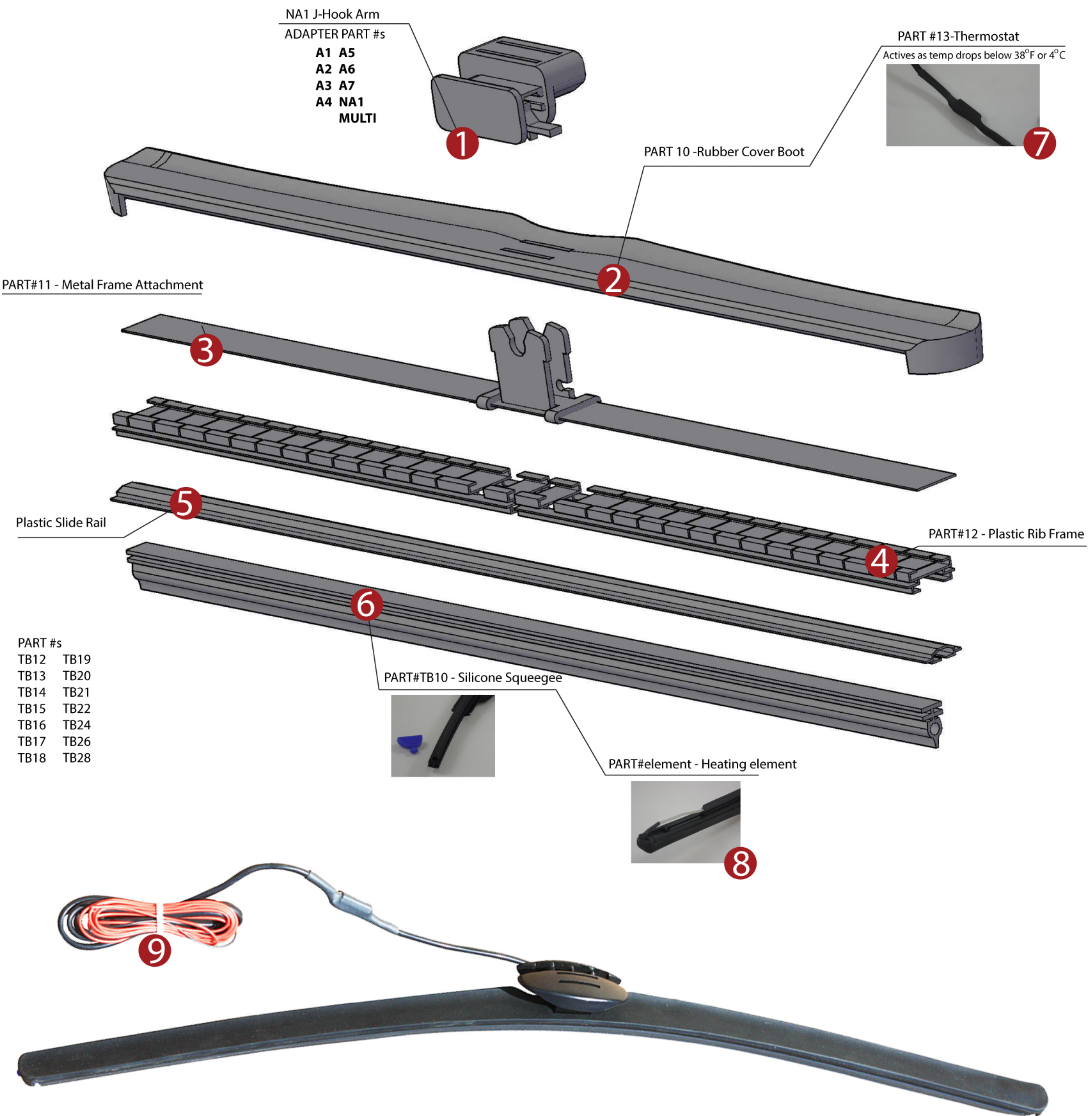
THERMALBLADE 2Gen is an all season silicone safety wiper.

This blade provides:

- Replaceable and removable silicone squeegee,
- Low profile beam frame with Aerodynamic Spoiler Reduces Lift
- Heating element that resides inside the squeegee
- Thermostat control that heats when freezing conditions exist.
- Activated Silicone-Coating Action
- Revolutionary Beading Action
- Highest Quality Silicone Rubber Compound
- All Season Performance
- Ultimate Visibility in all weather.

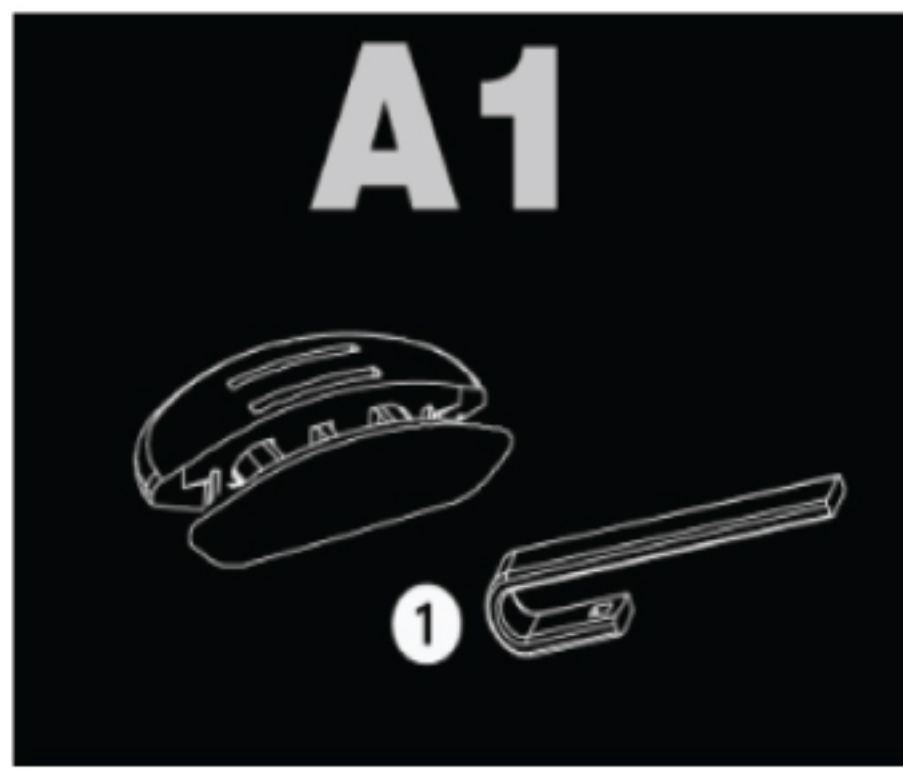


THERMALBLADE TECHNICAL SPECIFICATION - VISUAL

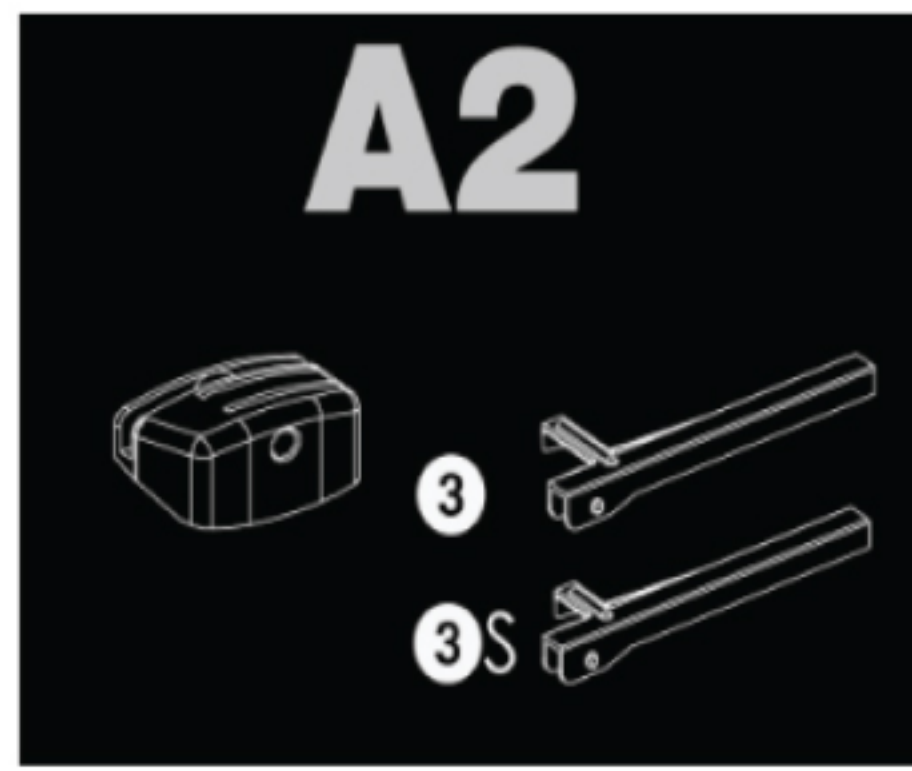


THERMALBLADE TECHNICAL SPECIFICATION - DETAIL

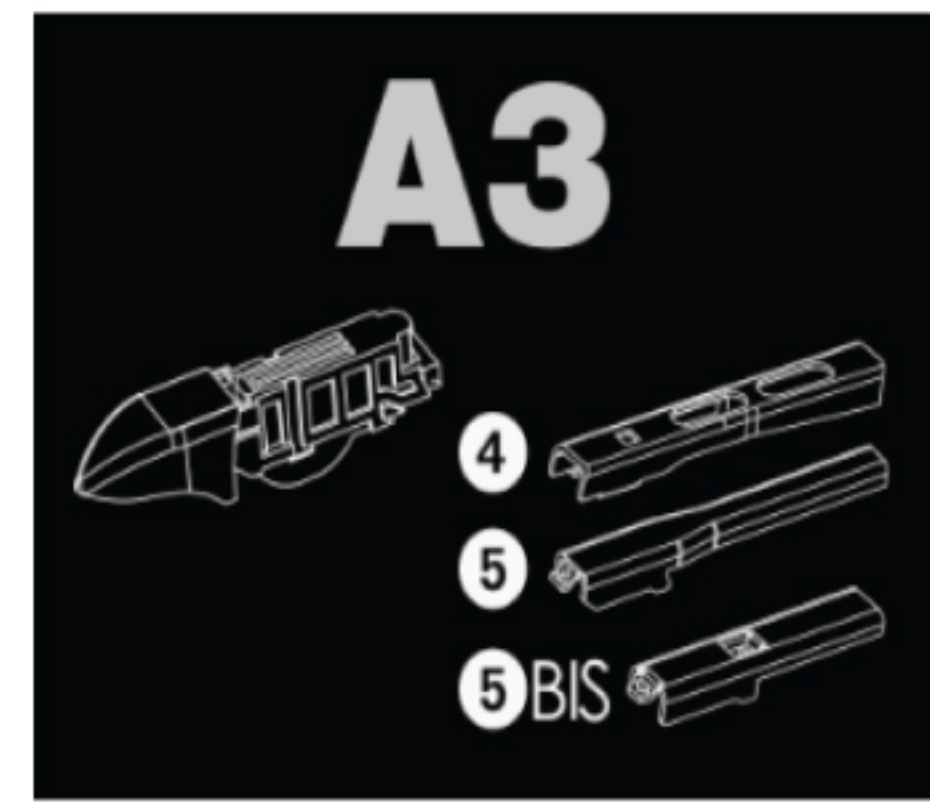
- 1** Adapter - Molded Hard Plastic Clip adapter attaches the THERMALBLADE to the wiper arm. Various adapters are available to fit many different wiper arm styles.
- 2** Rubber Cover Boot - Top cover layer of the wiper that is exposed to the elements. Made of durable high quality rubber compound. This boot has an aerodynamic spoiler which helps utilize wind velocity to reduce lift.
- 3** Metal Frame Attachment - Interlocks the frame rib and the cover boot together and attaches to the wiper arm clip adapter. Made of high quality light weight metals for over all strength and performance.
- 4** Plastic Rib frame - Ribbed construction allows the wiper to bend and form to the curves of the windshield. The Rib Frame is also what holds the plastic slide rail for the squeegee. Made of high quality plastics for durability.
- 5** Plastic Slide Rail - Removeable & replaceable part of the wiper frame which holds the squeegee in place. No hinge construction allows the squeegee to "sweep" back and forth while wiping.
- 6** Silicone Squeegee - Made of a silicone compound for lengthened durability and a clear smooth wipe. The silicone compound extends the life of the wiper 2-3 times longer than rubber & produces active silicone coating action while rubbing against the windshield while wiping.
- 7** Thermostat is installed inline along the wiring harness and is mounted under the wiper arm on the outside of the vehicle. Once the Thermostat detects temperatures below 38 degrees F or 4 degrees C the thermostat draws power from switched power source and activates the heating element.
- 8** Heating element is encased in a silicone casing for added durability and extended life. this encased elemtn sits within the squeegee itself and is no more than 1/8 of an inch from the windsheilds surface during the wiping action.
- 9** Wiring harness has 8 feet of 22 gauge black ground wire and 10 feet of 22 gauge red power wire.
During installation if more wire is needed crimp 1 butt connector per wire with 22 gauge extention wire.
22 gauge wire used = (7 strands of 30 gauge wire)



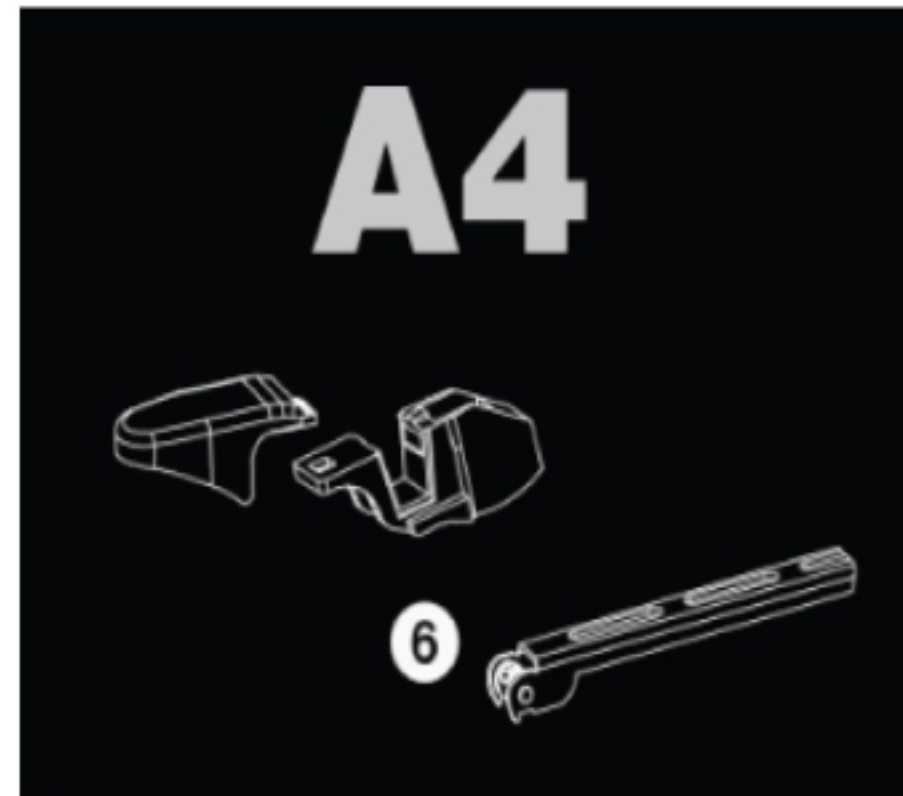
A1-J-Hook



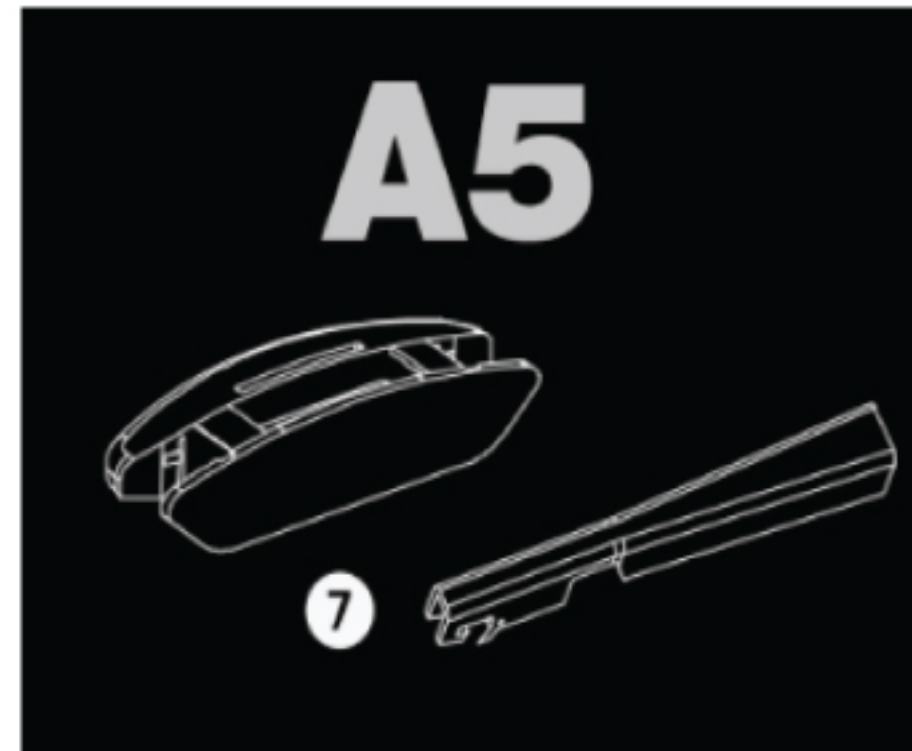
A2-Slide Pin



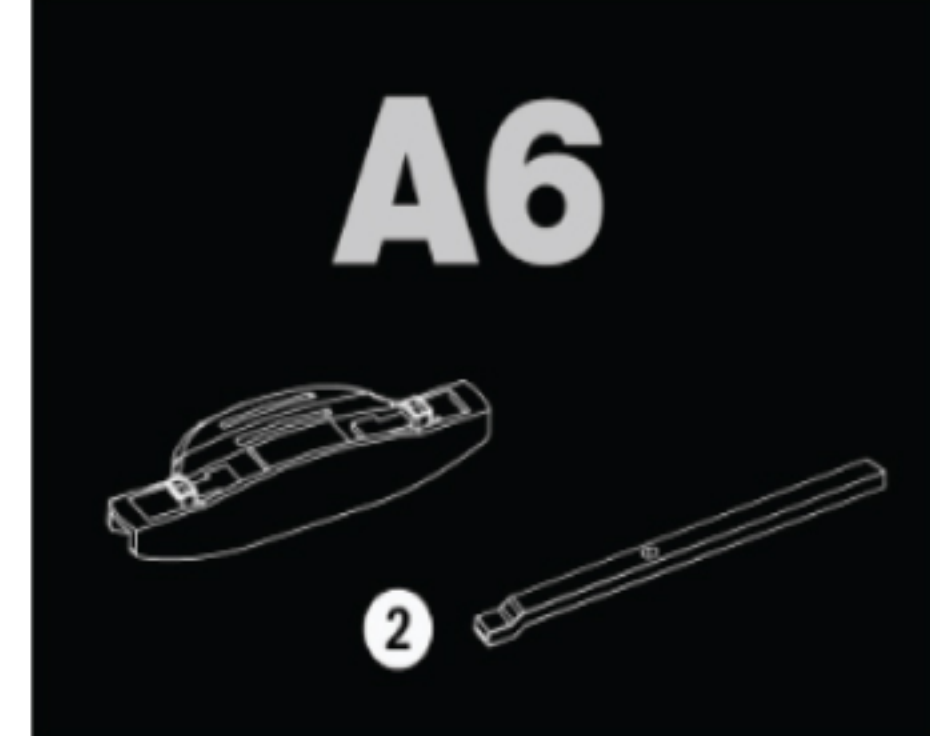
A3-I&L Pinch



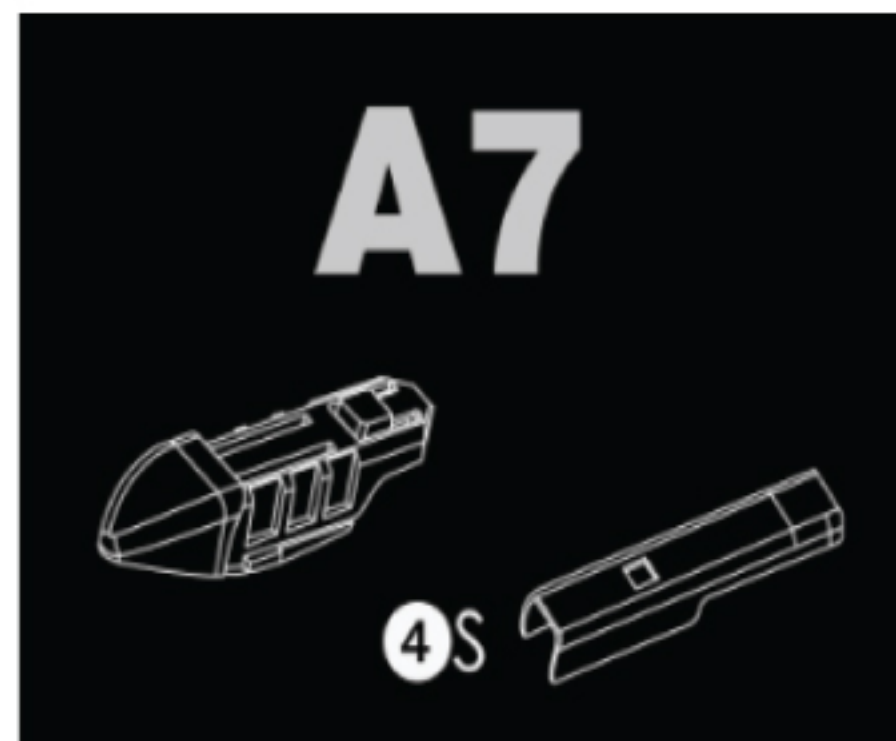
A4-Point lock



A5-Rock Lock



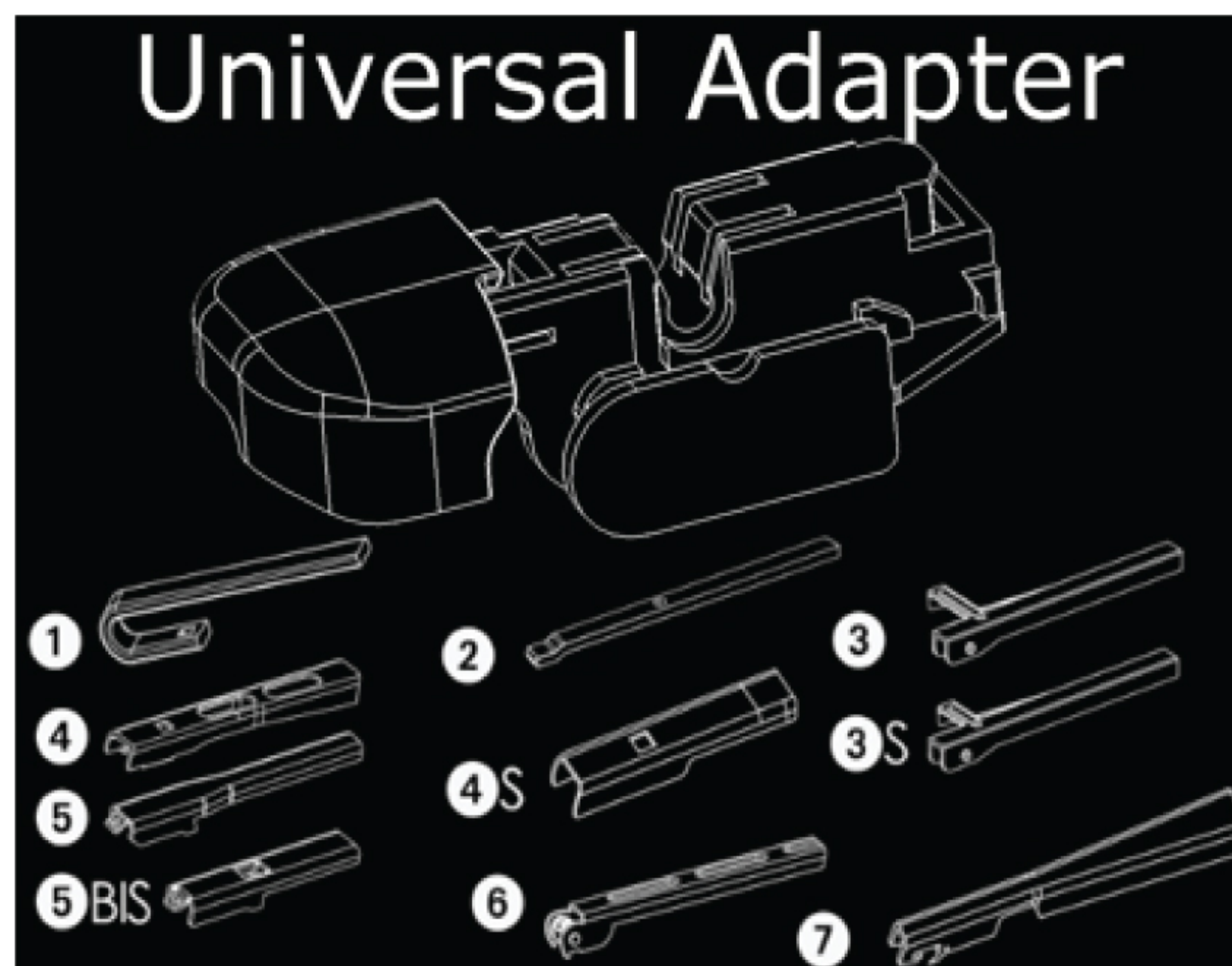
A6-Bayonette Arm



A7-Pinch tab Button



NA1-J-Hook



AVAILABLE JANUARY 1, 2015
Bolt on Adapters for Heavy Truck, bus, heavy equipment & pin arm
for older chevy pickups, jeeps, and trucks