

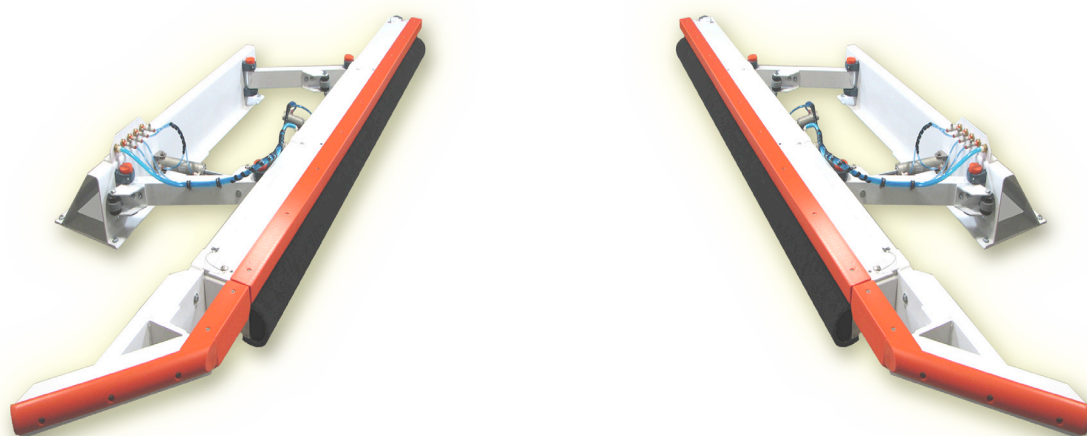


PARTS MANUAL



TGA-2000

TIRE GLOSS APPLICATOR



NS CORPORATION

Quality Equipment Since 1961

Revision: **2**
Date: **05/2019**
Approved by: **CA**

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REVISION	DESCRIPTION OF CHANGE	REVISION DATE
1	INITIAL ISSUE	8/31/2018
2	REMOVL OF 4 PAGES CYLINDER, MANIFOLD & VALVES	5/08/2019

Safety Precautions

- Only employees specifically authorized by the Manager will be permitted to enter the wash tunnel for the performance of operational inspections or maintenance.
- Unless specifically approved by the on-duty location Manager no employee is to enter the wash tunnel when vehicles are being washed.
- Never run through the wash tunnel.
- Be continuously cautious when walking through the wash tunnel. Wet floors will cause slippery conditions.
- Be continuously vigilant when walking through the wash tunnel to avoid bumping into, or tripping over equipment.
- If you plan to work on any piece of equipment that is higher than your shoulders always use a fiberglass ladder for climbing. Do not use any piece of equipment, pipe, or conduit as a step.
- Do not attempt any maintenance function on any piece of equipment without personally “locking out” the appropriate electrical disconnect switch.
- If maintenance work requires any piece of equipment to be operating during the performance of maintenance an additional qualified maintenance person is required to stay at the specific equipment electrical disconnect.
- **A “stop” switch can be reset only by the person who initially stopped the equipment operation.**
- All electrically driven equipment with manually operated disconnects “lock out” must be in the “OFF” position. The same person who shut down and “locked out” equipment is the only person who is permitted to restart that unit.
- Two qualified maintenance people must be in attendance when performing repairs or preventive maintenance.
- Electrical connections and repairs should be performed only by a professional, and licensed Electrician.
- Do not wear any loose fitting clothing around moving equipment.
- No portion of your body should come in contact with moving equipment.
- Do not operate any piece of equipment that has any safety shield, cover, or guard improperly installed or removed.
- Every new employee must be properly trained in safety procedures.
- Employees are required to attend scheduled safety meetings.

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Utility Requirements

NOTE: All utility connection to the TGA from the tunnel controller and compressed air source are the responsibility of the customer and should be performed by qualified personnel.

Electrical

- Install wiring connection from one relay output of the tunnel controller to the Tire Gloss Applicator control panel and the 24”x 24” promotional sign. The control voltage from the tunnel controller must be 110 VAC for both control panel and sign. (By Electrician).
- Install a minimum 1/2” airline to the TGA control panel main air regulator from compressed air source to supply a minimum of 2 CFM (by plumber).

Attention:

It is recommended that you thoroughly read and understand the TGA manual prior to installation and operation for maximum success. If you need assistance on any portion of the installation or operation of your TGA system, please feel free to contact your nearest N/S corporation representative or contact N/S customer service for direct assistance.

Equipment Features www.nswash.com

Introduction



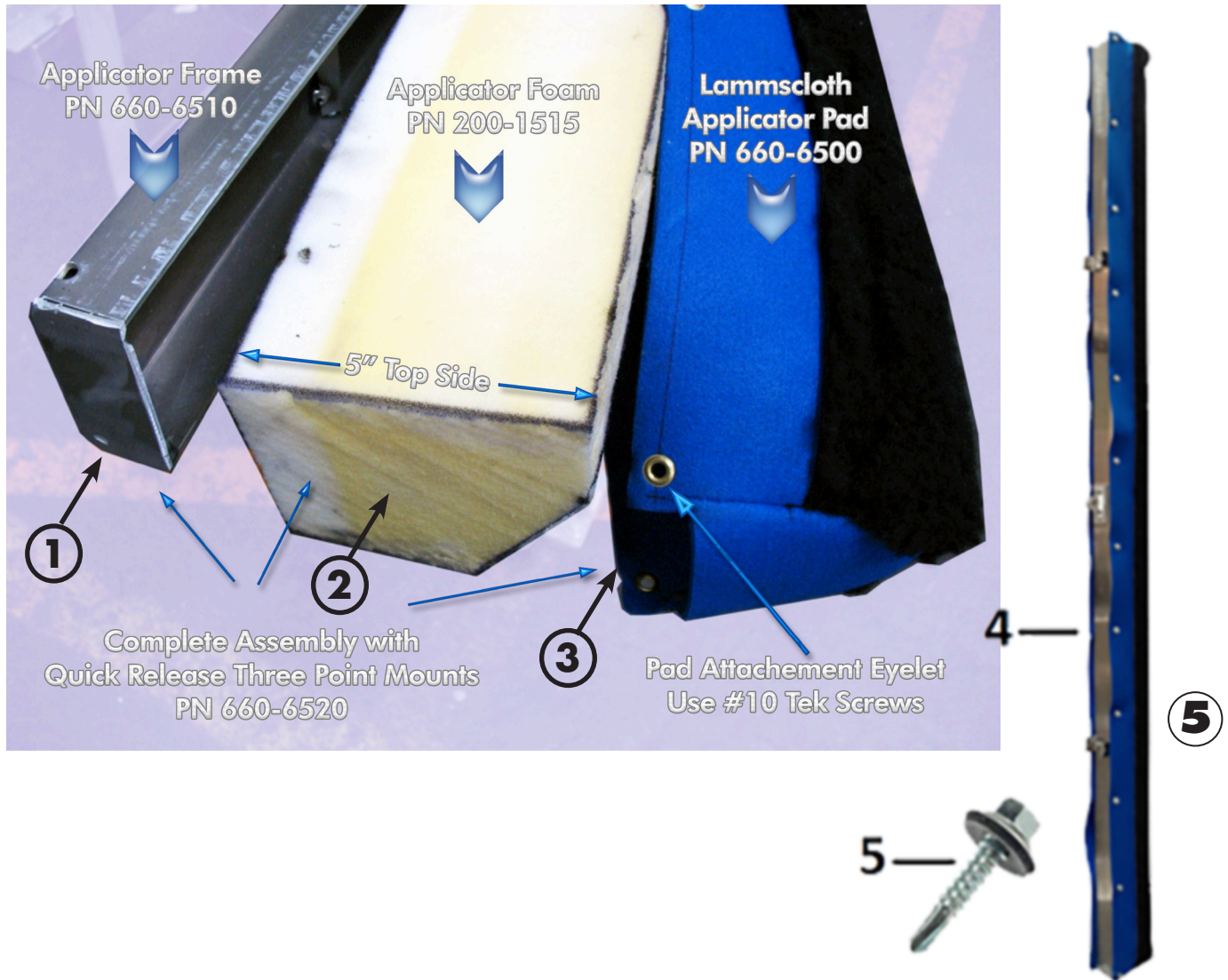
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RETRACTABLE PADS
QUICK-CHANGE LAMMSCLOTH PAD COVERS
WALL-MOUNTED CHEMICAL MANIFOLD AND AIR PANEL
UHMW GUIDE RAILS
REQUIRES ONLY ONE CFM AIR AT 80 PSI
COMPRESSOR NOT INCLUDED

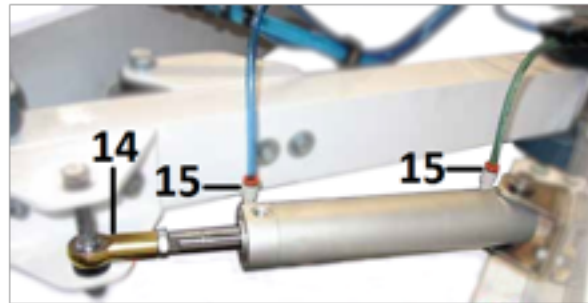
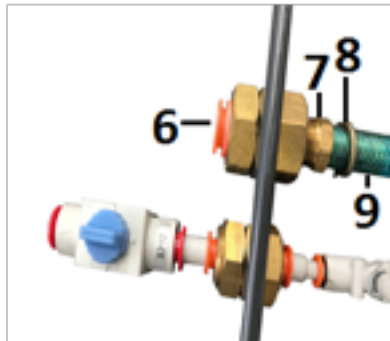
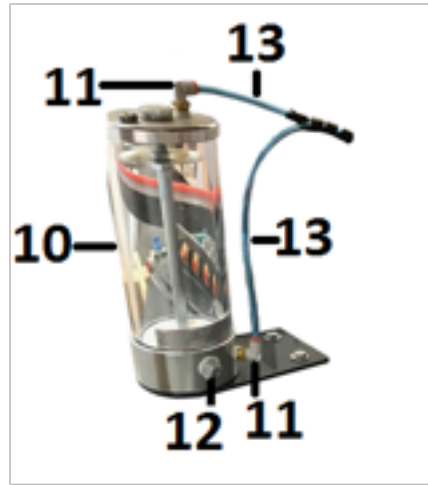
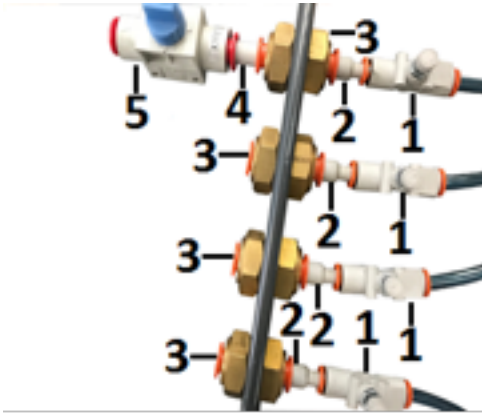
TGA Parts

Applicator



ITEM NO	PART NO.	DESCRIPTION	RELATED TO:
1	660-6510	TIRE GLOSS APPLICATOR CHANNL	TGA
2	200-1515	TIRE GLOSS FOAM APPLICATOR PAD	TGA
3	660-6500	TIRE GLOSS LAMMSCLOTH APPLICATOR PAD	TGA
4	660-6520	TGA PAD ASSEMBLY COMPLETE	TGA
5	860-1119	1" TEK SCREW WITH GASKET WASHER	TGA

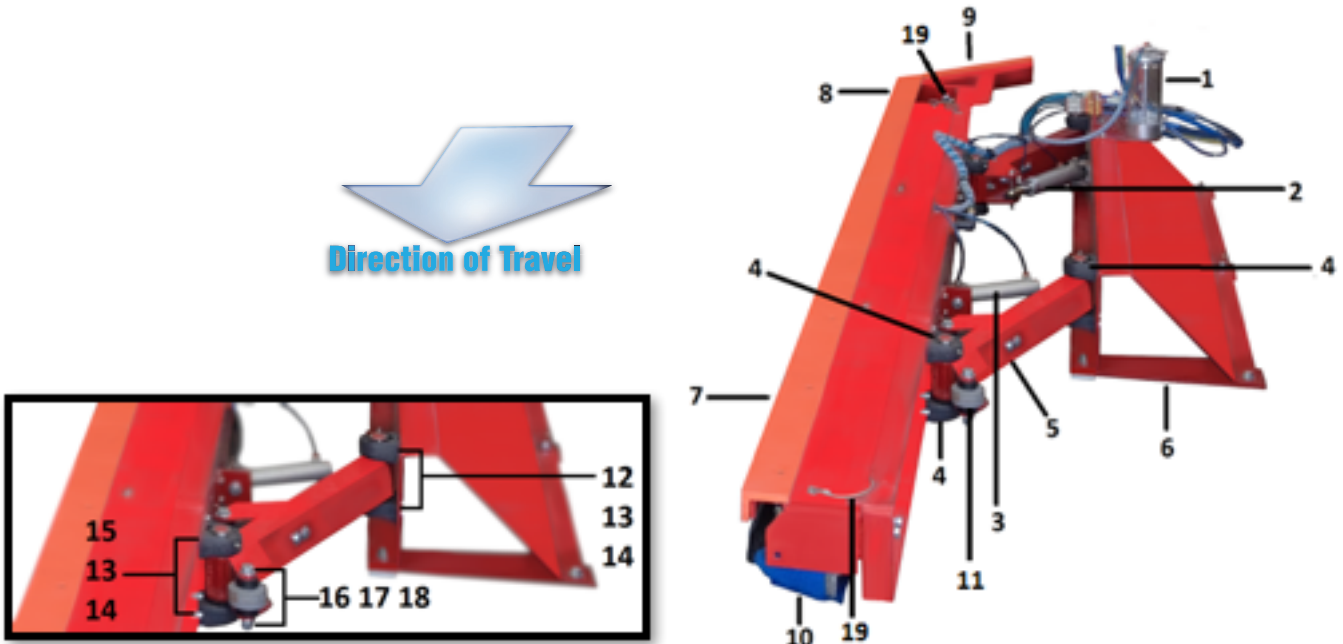
Poly Connectors www.nswash.com



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ITEM NO	PART No.	DESCRIPTION	RELATED TO:
1	465-1628	1/4" INLINE FLOW CONTROL	POLY CONNECTOR
2	500-1208	1/4" X 3/8" PVC REDUCER NIPPLE	POLY CONNECTOR
3	465-1914	3/8" BULKHEAD UNION	POLY CONNECTOR
4	500-1211	3/8" NYLON NIPPLE	POLY CONNECTOR
5	570-1642-3	3/8" 3 WAY FINGER VALVE	POLY CONNECTOR
6	465-1917	1/2" X 3/8" BULKHEAD CONNECTOR	POLY CONNECTOR
7	500-1079	3/8" BRASS HOSE BARB	BLUE BRAIDED HOSE
8	450-1041	9/16" TENSION SPRING CLAMP	BLUE BRAIDED HOSE
9	475-2201	3/8" BLUE BRAIDED HOSE	POLY CONNECTOR
10	240-0019	PRESSURE CONVERTER	PRESSURE CONVERTER
11	475-3211	1/4" QC X 1/4" NPT POLY ELBOW	PRESSURE CONVERTER
12	515-2004	3/8" PLUG	PRESSURE CONVERTER
13	475-3207	1/4" BLUE POLY FLOW TUBING	POLY CONNECTORS
14	610-1405	1/2" ROD END BEARING	AIR CYLINDERS
15	430-1336	1/4" QC X 1/8" NPT POLY ELBOW	AIR CYLINDERS

Driver Side TGA Parts

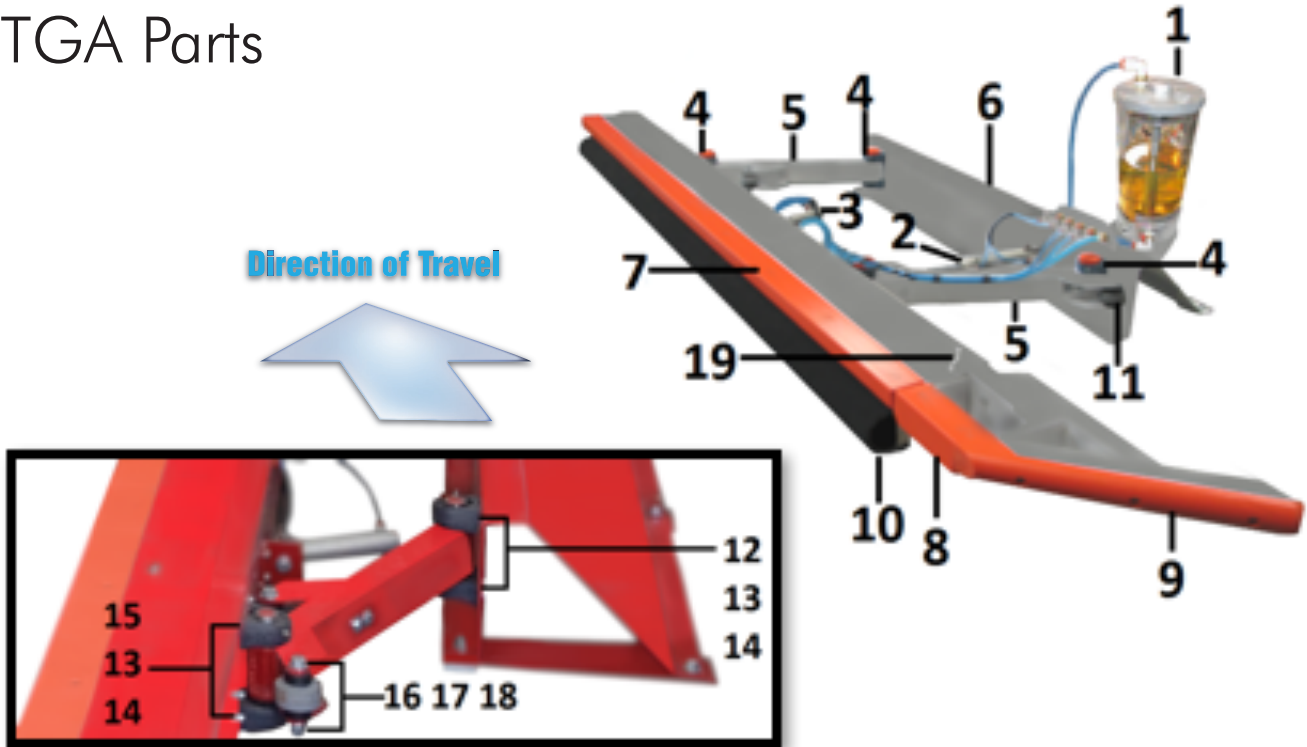


ITEM NO	PART NO.	DESCRIPTION	RELATED TO:
1	240-0019	PRESSURE CONVERTER	DRIVER SIDE TGA-200/250
2	440-1269	AIR CYLINDER 6" STROKE 1.5" BORE	DRIVER SIDE TGA-200/250
3	440-1268	AIR CYLINDER 5" STROKE 1.25" BORE	DRIVER SIDE TGA-200/250
4	610-1123	1" PILLOW BLOCK BEARING 2 BOLT	DRIVER SIDE TGA-200/250
5	715-0011	DRIVER SIDE TIRE GLOSS ARM	DRIVER SIDE TGA-200/250
6	900-0960	TGA FLOOR PEDESTAL BASER	DRIVER SIDE TGA-200/250
7	900-0137	100-3/4" TIRE GLOSS RAIL COVER	DRIVER SIDE TGA-200/250
8	900-0139	DRIVER SIDE TIRE GLOSS ANGLE	DRIVER SIDE TGA-200/250
9	900-0136	23" DRIVER SIDE TIRE GLOSS RUB BAR	DRIVER SIDE TGA-200/250
10	660-6520	TGA PAD ASSEMBLY COMPLETE	DRIVER SIDE TGA-200/250
11	790-1027	2-1/2" X 1-1/4" RUBBER WHEEL	DRIVER SIDE TGA-200/250
12	820-1410	3/8" X 1" STAINLESS STEEL BOLT	BEARING (PEDESTAL SIDE)
13	870-1300	3/8" STAINLESS STEEL FLAT WASHER	BEARING
14	870-1350	3/8" STAINLESS STEEL LOCK WASHER	BEARING
15	820-1415	3/8" X 1-1/4" STAINLESS STEEL BOLT	BEARING (APPLICATOR SIDE)
16	820-1560	1/2" X 4" STAINLESS STEEL BOLT	RUBBER WHEEL
17	870-1400	1/2" STAINLESS STEEL WASHER	RUBBER WHEEL
18	840-2000	1/2" STAINLESS STEEL LOCK NUT	RUBBER WHEEL
19	830-1331	3/8" QUICK RELEASE PIN	TGA-200/250

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Passenger Side www.nswash.com

TGA Parts

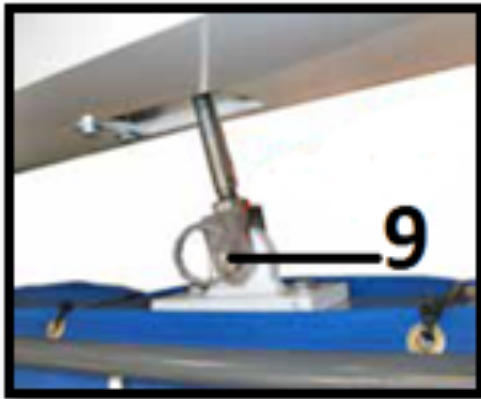
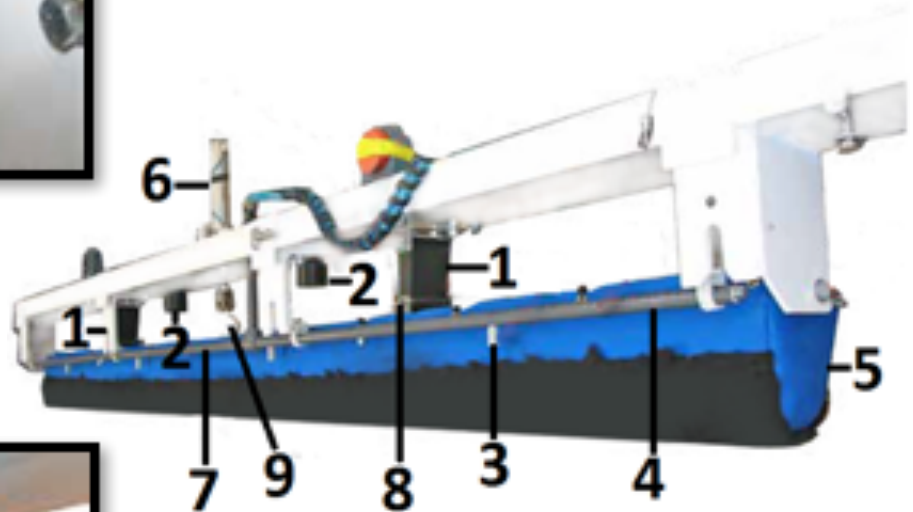
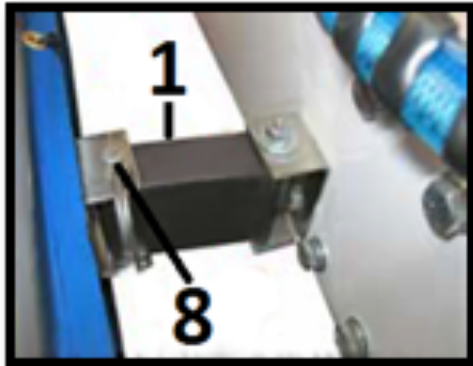


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ITEM NO	PART NO.	DESCRIPTION	RELATED TO:
1	240-0019	PRESSURE CONVERTER	PASSENGER SIDE TGA-200/250
2	440-1266	AIR CYLINDER 10" STROKE 1.5" BORE	PASSENGER SIDE TGA-200/250
3	440-1268	AIR CYLINDER 5" STROKE 1.25" BORE	PASSENGER SIDE TGA-200/250
4	610-1123	1" PILLOW BLOCK BEARING 2 BOLT	PASSENGER SIDE TGA-200/250
5	715-0010	PASSENGER SIDE TIRE GLOSS ARM	PASSENGER SIDE TGA-200/250
6	900-0960	TGA FLO OR PEDESTAL BASE	PASSENGER SIDE TGA-200/250
7	900-0137	100-3/4" TIRE GLOSS RAIL COVER	PASSENGER SIDE TGA-200/250
8	900-0138	PASSENGER SIDE TIRE GLOSS ANGLE	PASSENGER SIDE TGA-200/250
9	900-0135	47" PASSENGER SIDE TIRE GLOSS RUB BAR	PASSENGER SIDE TGA-200/250
10	660-6520	TGA PAD ASSEMBLY COMPLETE	PASSENGER SIDE TGA-200/250
11	790-1027	2-1/2" X 1-1/4" RUBBER WHEEL	PASSENGER SIDE TGA-200/250
12	820-1410	3/8" X 1" STAINLESS STEEL BOLT	BEARING (PEDESTAL SIDE)
13	870-1300	3/8" STAINLESS STEEL FLAT WASHER	BEARING
14	870-1350	3/8" STAINLESS STEEL LOCK WASHER	BEARING
15	820-1415	3/8" X 1-1/4" STAINLESS STEEL BOLT	BEARING (APPLICATOR SIDE)
16	820-1560	1/2" X 4" STAINLESS STEEL BOLT	RUBBER WHEEL
17	870-1400	1/2" STAINLESS STEEL WASHER	RUBBER WHEEL
18	840-2000	1/2" STAINLESS STEEL LOCK NUT	RUBBER WHEEL
19	830-1331	3/8" QUICK RELEASE PIN	TGA-200/250

Inside Applicator Unit

Parts List

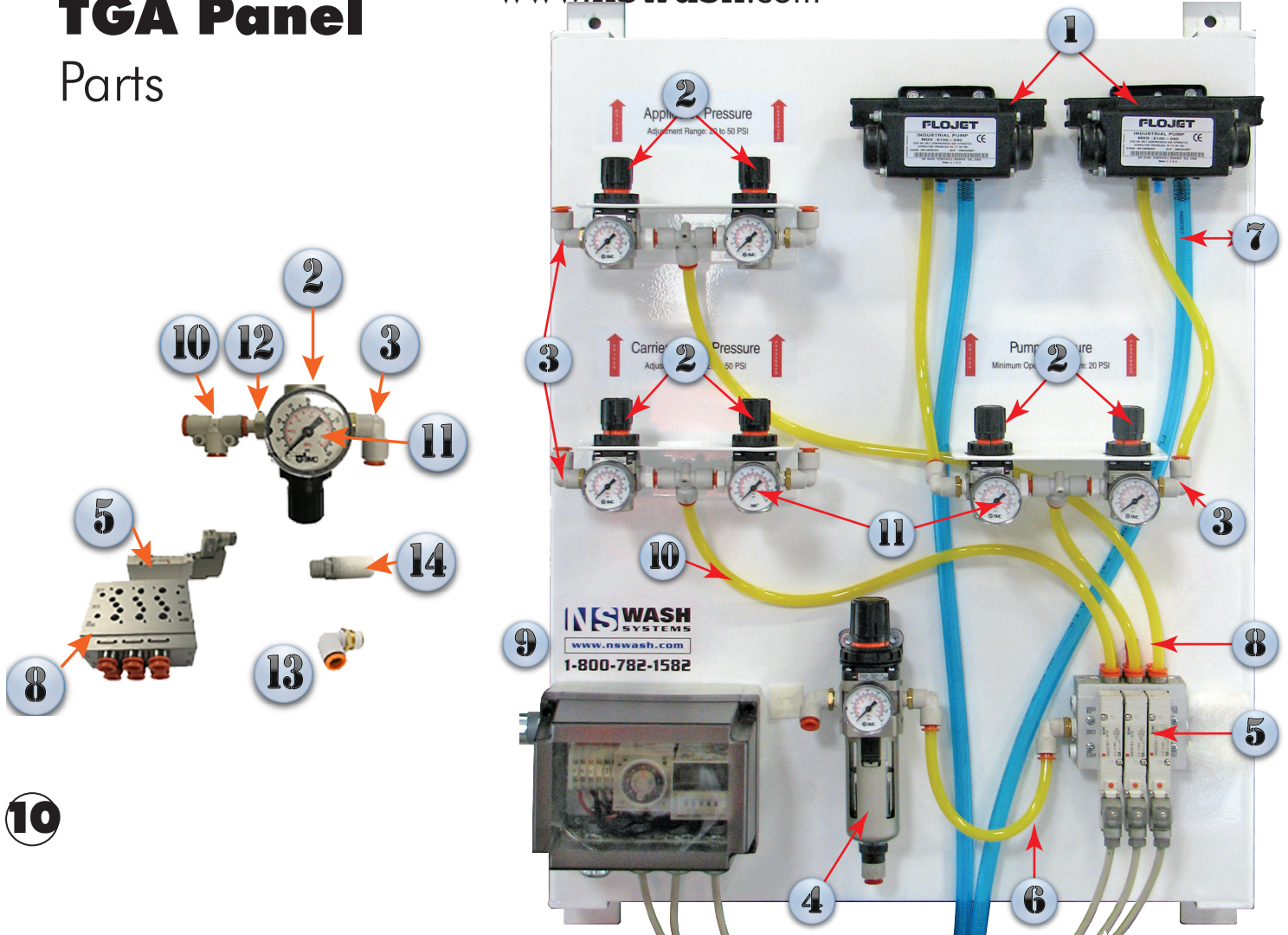


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ITEM NO	PART No.	DESCRIPTION	RELATED TO:
1	945-1558	4" x 1" x 2-7/8" BLACK UHMW PIVOT BLOCK	TGA-200/250
2	640-1400	1-1/2" RUBBER BUMPER	TGA-200/250
3	510-0120	PVC SIDE SPRAY NOZZLE	TGA-200/250
4	630-1064	LONG PVC SPRAY MANIFOLD (WITHOUT NOZZLES)	TGA-200/250
5	660-6520	TGA PAD ASSEMBLY COMPLETE	TGA-200/250
6	440-1268	AIR CYLINDER 5" STROKE 1.25" BORE	TGA-200/250
7	630-1063	SHORT PVC SPRAY MANIFOLD (WITHOUT NOZZLES)	TGA-200/250
8	830-1333	1/4" SAFTEY PIN	TGA-200/250
9	830-1332	1/2" QUICK RELEASE PIN	TGA-200/250

TGA Panel

Parts



ITEM NO	PART NO.	DESCRIPTION	RELATED TO:
1	520-1631	FLOW JET PUMP	TGA PANEL
2	40-0063P	¼" MINI FILTER	TGA PANEL
3	465-1622	3/8" POLY X ¼" NPT ELBOW	TGA PANEL
4	440-1261	¼" FILTER REGULATOR	TGA PANEL
5	570-0022	110V TIRE GLOSS SOLENOID VALVE	TGA PANEL
6	475-3200	3/8" YELLOW POLY FLOW TUBING	TGA PANEL
7	475-2201	3/8" BLUE BRAIDED HOSE	TGA PANEL
8	400-0491	TIRE GLOSS 3 PORT MANIFOLD	TGA PANEL
9	320-1051	TGA DEEP ENCLOSURE	TGA PANEL
10	465-1706	3/8" POLY TEE	TGA PANEL
11	470-1210	160 PSI 1/8" GAUGE	TGA PANEL
12	500-1055	3/8" X ¼" KC PIPE ADAPTER	TGA PANEL
13	430-1335	3/8" X 3/8" NPT POLY ELBOW	TGA PANEL
14	400-0061	3/8" MUFFLER	TGA PANEL

Part Numbers			
40-0063P.....	10	630-1064.....	9
200-1515.....	5	640-1400.....	9
240-0019.....	6	660-6500.....	5
240-0019.....	7	660-6510.....	5
240-0019.....	8	660-6520.....	5
320-1051.....	10	660-6520.....	7
400-0061.....	10	660-6520.....	8
400-0491.....	10	660-6520.....	8
430-1335.....	10	660-6520.....	9
430-1336.....	6	715-0010.....	8
440-1261.....	10	715-0011.....	7
440-1266.....	8	790-1027.....	7
440-1268.....	7	790-1027.....	8
440-1268.....	8	820-1410.....	7
440-1268.....	9	820-1410.....	8
440-1269.....	7	820-1415.....	7
450-1041.....	6	820-1415.....	8
465-1622.....	10	820-1560.....	7
465-1628.....	6	820-1560.....	8
465-1706.....	10	830-1331.....	7
465-1914.....	6	830-1331.....	8
465-1917.....	6	830-1332.....	9
470-1210.....	10	830-1333.....	9
475-2201.....	6	840-2000.....	7
475-2201.....	10	840-2000.....	8
475-3200.....	10	860-1119.....	5
475-3207.....	6	870-1300.....	7
475-3211.....	6	870-1300.....	8
500-1055.....	10	870-1350.....	7
500-1079.....	6	870-1350.....	8
500-1208.....	6	870-1400.....	7
500-1211.....	6	870-1400.....	8
510-0120.....	9	900-0135.....	8
515-2004.....	6	900-0136.....	7
520-1631.....	10	900-0137.....	7
570-0022.....	10	900-0137.....	8
570-1642-3.....	6	900-0138.....	8
610-1123.....	7	900-0139.....	7
610-1123.....	8	900-0960.....	7
610-1405.....	6	900-0960.....	8
630-1063.....	9	945-1558.....	9



N/S Corporation

VEHICLE WASHING EQUIPMENT • ESTABLISHED 1961

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