



SHARPER, BETTER, CLEARER

TOMORROW





REDEFINING INNOVATION

We believe in keeping the world moving through our advanced windshield wash and wipe systems, prompt & extensive services and state-of-the-art equipment.

Manufacturing automotive windshield wash & wipe systems for American, European, African and Indian Vehicle Manufacturers, we as OEMs (Original Equipment Manufacturers) are constantly setting new standards in the industry, in terms of quality and service.

The direction of our business is determined by our customers. We offer a host of services to meet their needs: from reverse engineering products to designing a new system or redesigning an existing one.

The lucid understanding in all areas of customer requirements has empowered Almity to flourish immensely. And today, we are a leading supplier of high-quality products and services that are delivered on time and at competitive prices.

VISION

To constantly design, manufacture and customize our innovative windshield wash and wipe systems, with immense skill and efficiency.

To continuously reinvent ourselves in the field of precision-machined components and be recognized by one and all for our superior quality.



SALES DIVISION

Almity's Global and Indian market operations are managed by our Sales Division, which is based in Kalina, Mumbai. It is the responsibility of this division to oversee the supply, sales and distribution of automotive parts - for servicing, imparting technical knowledge, training, and after-sales service of Almity's products & systems.

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THE MANAGEMENT TEAM

A group of highly experienced and proficient individuals form Almy's management team. The team consists of enthusiastic engineers, from young and passionate to senior and dedicated; each adept in their own field.

Our team deeply understands the ins and outs of innovative designing and controlled manufacturing, and focuses on providing our customers with complete quality management systems and assembly-to-doorstep logistical solutions.





ORIGINAL EQUIPMENT MANUFACTURING

Almity's original equipment are exported worldwide to the largest automotive companies in the world, from American, European, African to Indian Vehicle Manufacturers. The products are manufactured in our fully equipped and integrated facility here in Mumbai.

Our world-class products go through a series of stringent quality and standard checks before they see the light of day. We are proud to manufacture these products, fulfilling all safety norms, characteristics and criteria laid down by international automotive governing bodies.

Almity's official accreditations from UL:



IATF 16949:2016
ISO 14001:2015



WINDSHIELD WIPER BLADES

Complete range of wiper blades, from 9" to 40", for all types of automotive vehicles and non-automotive applications.

- | | | |
|---|--|-------------|
| 1 | AEROMITY – Aerodynamic Universal Conventional blade (9" to 26") | 'A' series |
| 2 | PANTODUROMITY – Heavy Duty Pantograph 16mm Saddle blade (20" to 28") | 'PD' series |
| 3 | AEROSADDLE – Heavy Duty 7/32" & 1/4" Saddle blade (12" to 22") | 'SA' series |
| 4 | DUROMITY – Heavy Duty Aerodynamic 16mm Saddle blade (20" to 32") | 'D' series |
| 5 | HEAVYDUROMITY – Heavy Duty 21mm to 27.5mm Saddle blade (32" to 40") | 'HD' series |
| 6 | UNIDUROMITY – Heavy Duty Aerodynamic Universal blade (20" to 30") | 'D' series |

Adaptors included in each pack, suitable for applicable Vehicle Wiper Arm Fitment.

WINDSHIELD WIPER ARMS

Pantograph, single & twin radial, and specialty wiper arms for heavy, medium and light duty application, suitable for all pivot mountings and blade fitments.

WINDSHIELD WIPER LINKAGES

Modular or loose linkages manufactured for panoramic opposed overlap, single/dual/triple tandem, single pantograph, dual opposed/tandem pantograph and other wipe patterns.

DC WIPER MOTORS

Complete range of DC wiper motors with stall torque ranging from 10nm to 120nm, in 12V and 24V.

COMPLETE WINDSHIELD WASH AND WIPE SYSTEMS

Designed and manufactured for all types of automotive and non-automotive applications, meeting vehicle, customer and statutory requirements.

WINDSHIELD WASHER SYSTEMS & ACCESSORIES

Range of washer tanks in 1 Ltr to 10 Ltr capacity with single or dual washer pumps in 12V and 24V, designed and manufactured to vehicle specifications and customer requirements. Available with a wide range of hardware & fitment accessories and nozzle sprays.

UNIVERSAL WIPER BLADE

AEROMITY

'A' Series

Aerodynamic Universal Conventional
Wiper Blade (Rigid & Noiseless)



Adaptor Applicable

"U-Fit" or X1 or X10 or X11 or X16

A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A26
9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"	24"	26"
225	260	280	305	330	355	380	410	430	450	480	510	530	560	580	610	660

SPECIALITY WIPER BLADE

PANTO DUROMITY™

'PD' Series

Pantograph Heavy Duty
Wiper Blade



PD20	PD22	PD24	PD26	PD28
20"	22"	24"	26"	28"
500 mm	560 mm	610 mm	660 mm	710 mm

SPECIALITY WIPER BLADE

AEROSADDLE™

'SA' Series

Heavy Duty Saddle Blade With
Saddle 7/32" And 1/4"



SA14	SA15	SA16	SA17	SA18	SA19	SA20	SA21	SA22
14"	15"	16"	17"	18"	19"	20"	21"	22"
355 mm	380 mm	410 mm	430 mm	450 mm	480 mm	510 mm	530 mm	560 mm

HEAVY DUTY WIPER BLADE

DUROMITY™

'D' Series

Heavy Duty 16mm
Saddle Wiper Blade



D20	D22	D24	D26	D28	D30	D32
20"	22"	24"	26"	28"	30"	32"
500 mm	560 mm	610 mm	660 mm	710 mm	760 mm	810 mm

HEAVY DUTY WIPER BLADE



HEAVY DUROMITY™

'HD' Series
Heavy Duty Saddle Wiper Blade

Adaptor Applicable
X13 / X14 / X15

HD32	HD36	HD40
32"	36"	40"
810 mm	910 mm	1010 mm



UNIDUROMITY™

'UD' Series
Heavy Duty Universal
Wiper Blade

Adaptor Applicable
X2 / X3 / X4 / X5

UD20	UD22	UD24	UD26	UD28	UD30
20"	22"	24"	26"	28"	30"
500 mm	560 mm	610 mm	660 mm	710 mm	760 mm

WINDSHIELD WIPER ARMS

Specially designed and manufactured for RHD/LHD Heavy, Medium & Light Duty automotive applications on Buses, Trucks, LCVs and passenger cars, and non-automotive applications such as Off-Highway vehicles, Marine and Railway.



MEDIUM DUTY SINGLE RADIAL

Single 12mm x 4mm arm rod with wiper blade fitments meeting J Hook, 16.5mm, 25mm and 27mm Saddle adaptors.



HEAVY DUTY SINGLE RADIAL

Single 16mm x 6mm arm rod with wiper blade fitments meeting Revers J Hook, 25mm Saddle adaptors.

WINDSHIELD WIPER ARMS



HEAVY AND MEDIUM DUTY PANTOGRAPH

Pantograph arms with 9X3 & 12X4 arm rods having center distances of 31.75mm to 70mm with wiper blade fitments meeting 14mm, 16.5mm, 25mm and 27mm Saddle adaptors.

WINDSHIELD WIPER ARMS



LIGHT DUTY SINGLE RADIAL

Single 9mm x 3mm or 9mm x 4mm arm rod with wiper blade fitments meeting J Hook, 14mm saddle, 1/4" & 3/16" Side pin and Bayonet adaptors for curved and flat, front or rear windscreens.

WINDSHIELD WIPER ARMS



SPECIALITY WIPER ARM

Specially designed wiper arms for front and rear application in Marine, Railway, Defence, Off-Highway and Specialty vehicles.

ALL WIPER ARMS ARE DESIGNED AND MANUFACTURED TO MEET VARIOUS PIVOT MOUNTINGS

ISO
Knurl Driver



1/2"
Knurl Driver



M8 | M10 | M12 Shafts

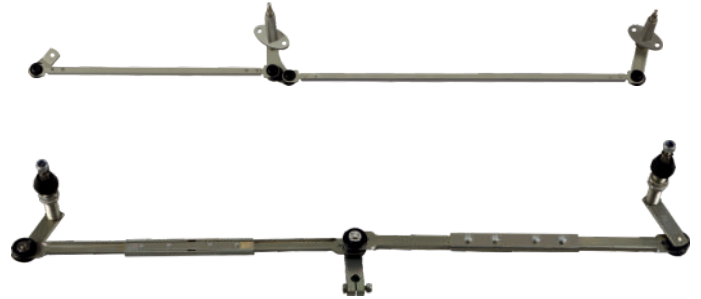
- All Wiper Arms Available With Adjustable Length And R / L Angle.
- All Wiper Arms Available For RHD / LHD Vehicle With Spray Nozzle.

WINDSHIELD WIPER LINKAGES

Custom-built, heavy duty, complete Wiper Linkages suitable for all types of vehicles, built from Tubular or 'C' channel sections, with moisture non-absorbent and self-lubricating sockets, with pivot mountings of different types. (DIN M8/M10/M12, ISO and Knurl)



PANAROMIC OPPOSED OVERLAPED LINKAGE



TANDEM LINKAGE (RHD / LHD)



SINGLE TANDEM LINKAGE



TRI TANDEM LINKAGE



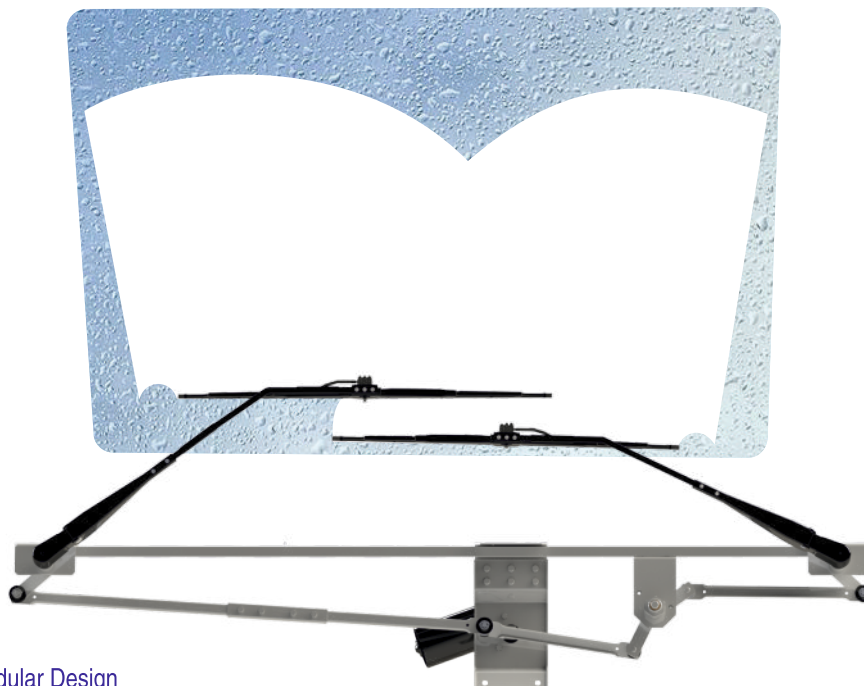
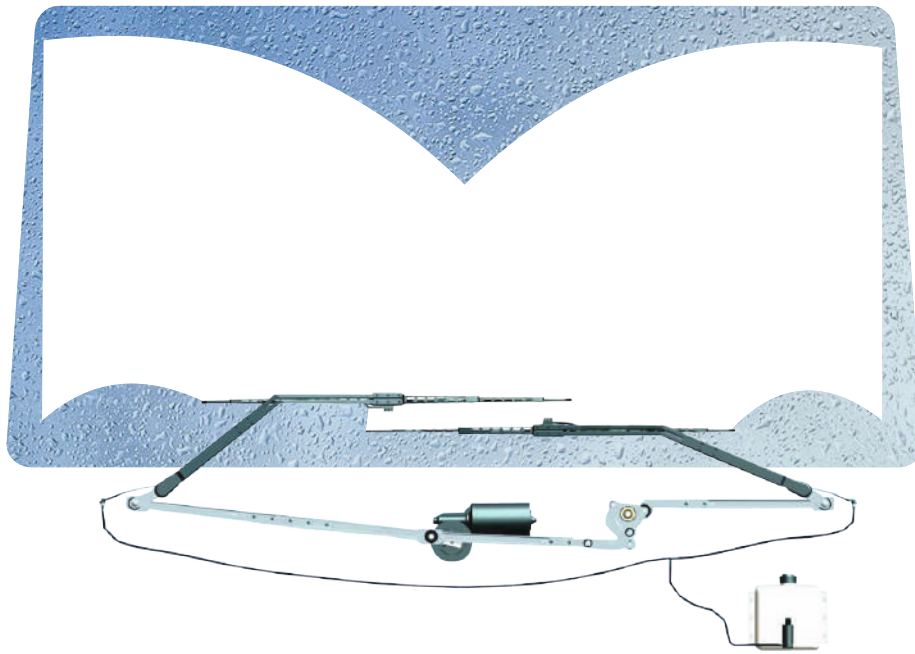
DUAL PANTOGRAPH LINKAGE



SINGLE PANTOGRAPH LINKAGE

WINDSHIELD WASH & WIPE SYSTEMS

- Designed to meet safety, aesthetic and customer specific requirements that comply with Indian and International regulations for RHD and LHD vehicles.
- Available with motors of suitable torque requirement, in 12V and 24V.
- Designed and tested to provide a longer product life.
- Available with washer systems from 1.5 Ltrs, 3 Ltrs or specific capacity up to 10 Ltrs.
- Capable of designing and manufacturing innovative pre-assembled modular designs, for error proof and easy fitment.

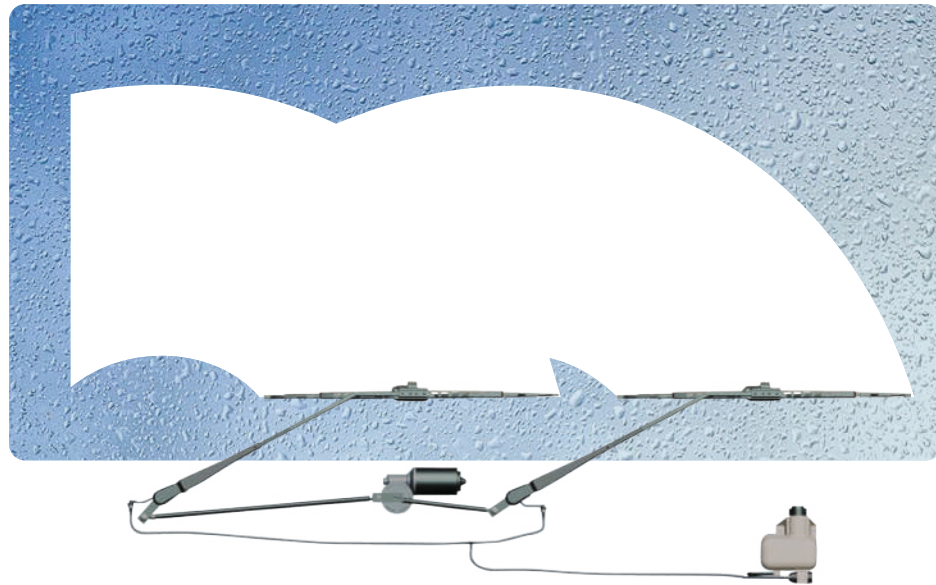


Modular Design

PANORAMIC OPPOSED OVERLAP SYSTEM

Designed for heavy and medium duty luxury coaches and buses

WINDSHIELD WASH & WIPE SYSTEMS



Modular Design

DUAL TANDEM SYSTEM

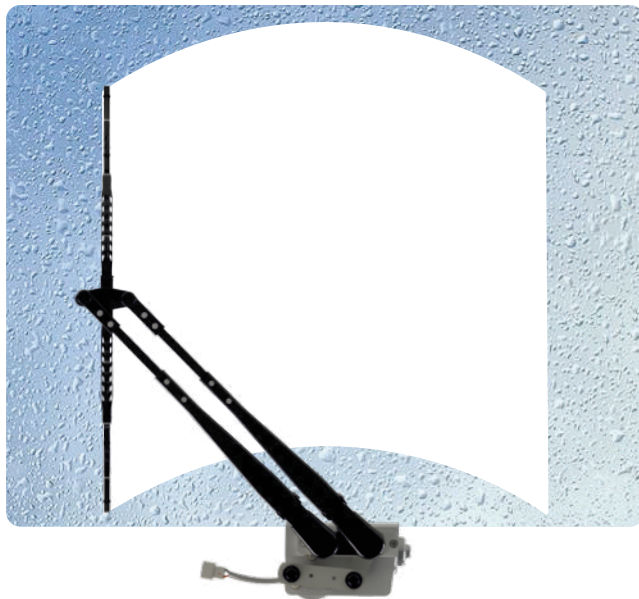
For heavy, medium and light duty, passenger and commercial vehicles, with single or split windcreens

WINDSHIELD WASH & WIPE SYSTEMS



TRI TANDEM SYSTEM

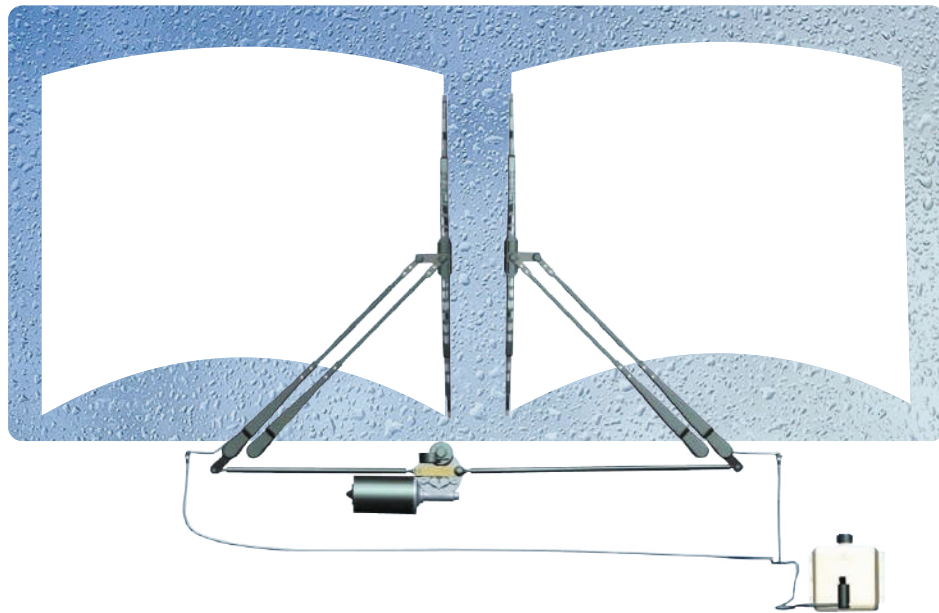
Primarily used in commercial & defence vehicles having wide and narrow windcreens



INDIVIDUAL PANTOGRAPH SYSTEM

Individual modular system mainly used in off-highway, defence & farm equipment, and rear windows

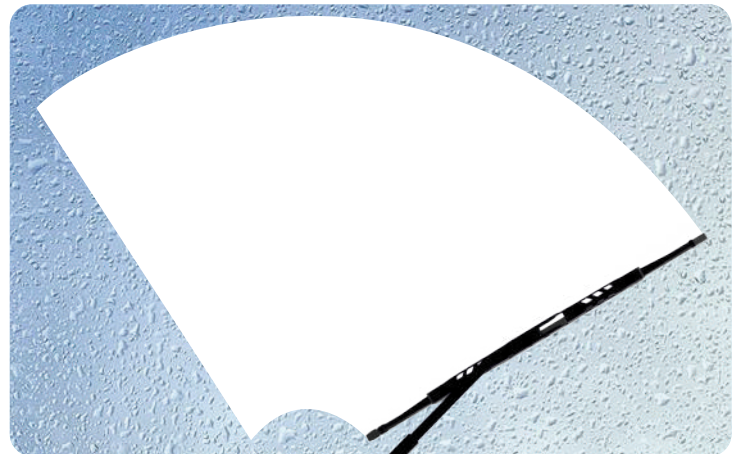
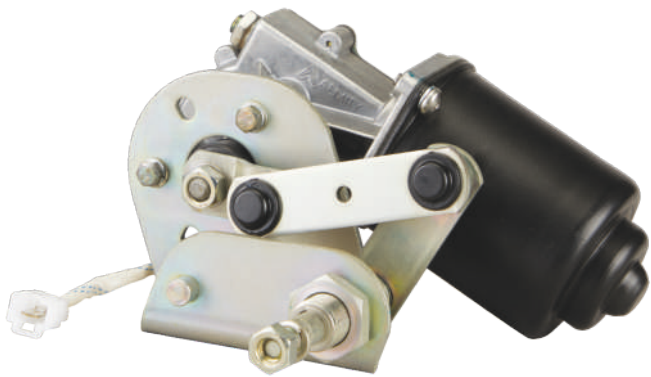
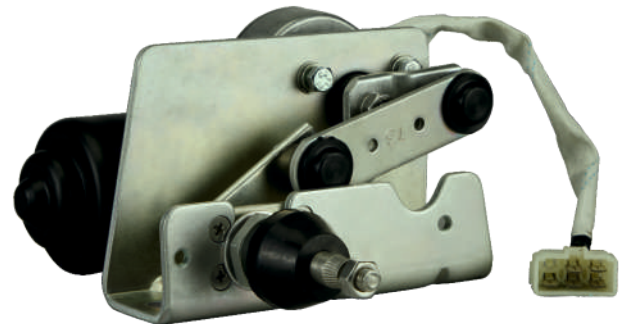
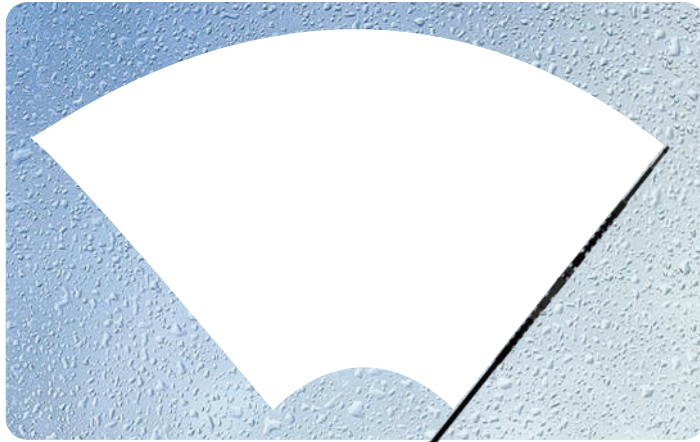
WINDSHIELD WASH & WIPE SYSTEMS



PANTOGRAPH (TANDEM/OPOSED) SYSTEM

Tandem or opposed pantograph systems for bus, truck, off-highway vehicles and railway application, with top or bottom mounting

WINDSHIELD WASH & WIPE SYSTEMS



INDIVIDUAL TANDEM SYSTEM

Individual modular system mainly used in off-highway, defence & farm equipment, and rear windows

DC WIPER MOTORS

12V and 24V DC wiper motors ranging from 10nm to 120nm in stall torque, available with single and dual speeds. All motors are designed, validated and manufactured in our new fully equipped production and R&D facility.



AW 010

Rated Voltage	12V
Rated Torque	10Nm
Operating Torque	1.5Nm
No. of Speeds	Single Speed
Operating Speed	40 rpm
Protection Class	IP 53
Sweep Angle	85° ± 5°
Linear Mounting	45mm
Thermal Protection	Available

Rated Voltage	12V & 24V
Rated Torque	18Nm
Operating Torque	3.5Nm
No. of Speeds	Single Speed
Operating Speed	35 rpm
Protection Class	IP 53 / IP 66
Mounting PCD	48mm & 50mm
Thermal Protection	Available

AW 018



AW 025

Rated Voltage	12V & 24V
Rated Torque	25Nm
Operating Torque	4Nm to 6Nm
No. of Speeds	Single & Dual Speed
Operating Speed	30 rpm / 45 rpm
Protection Class	IP 53 / IP 66
Mounting PCD	48mm & 50mm
Thermal Protection	Available

Rated Voltage	12V & 24V
Rated Torque	36Nm
Operating Torque	3.5Nm to 6Nm
No. of Speeds	Dual Speed
Operating Speed	35 rpm / 50 rpm
EMI/EMC	Available (AIS 004)
Protection Class	IP 53 / IP 66
Mounting PCD	72mm
Thermal Protection	Available

AW 036



DC WIPER MOTORS



AW 052

Rated Voltage	12V & 24V
Rated Torque	52Nm
Operating Torque	5Nm to 7.5Nm
No. of Speeds	Dual Speed
Operating Speed	30 rpm / 45 rpm
EMI/EMC	Available (AIS 004)
Protection Class	IP 53
Mounting PCD	70mm
Thermal Protection	Available

Rated Voltage	12V & 24V
Rated Torque	70Nm
Operating Torque	5.5Nm to 10.5Nm
No. of Speeds	Dual Speed
Operating Speed	30 rpm / 45 rpm
EMI/EMC	Available (AIS 004)
Protection Class	IP 53 / IP 66
Mounting PCD	70mm
Thermal Protection	Available

AW 070



AW 090

Rated Voltage	12V & 24V
Rated Torque	90Nm
Operating Torque	9Nm to 14Nm
No. of Speeds	Dual Speed
Operating Speed	30 rpm / 45 rpm
EMI/EMC	Available (AIS 004)
Protection Class	IP 53 / IP 66
Mounting PCD	70mm
Thermal Protection	Available

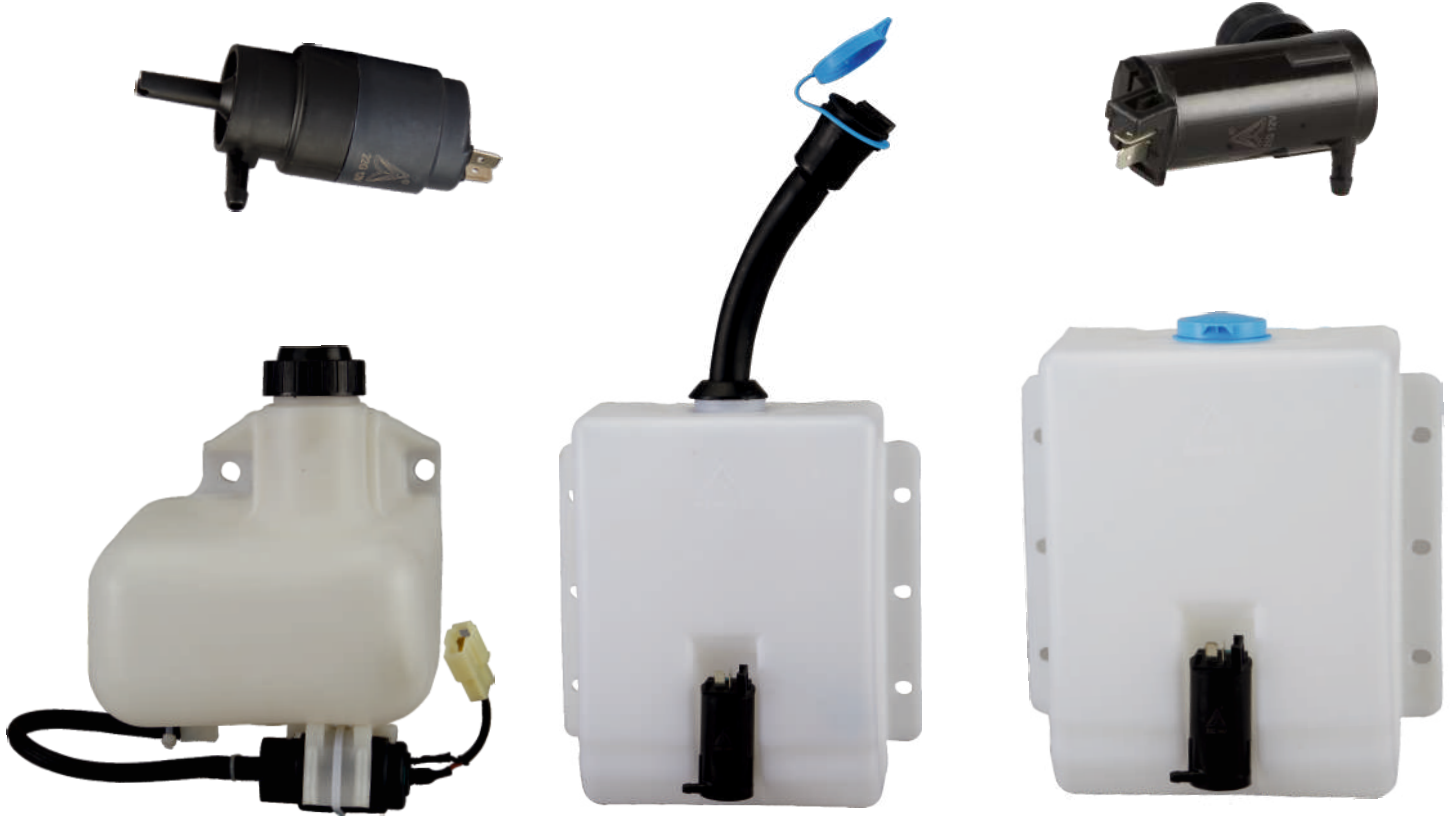
AW 120

Rated Voltage	12V & 24V
Rated Torque	120Nm
Operating Torque	11Nm to 18Nm
No. of Speeds	Dual Speed
Operating Speed	30 rpm / 45 rpm
EMI/EMC	Available (AIS 004)
Protection Class	IP 53 / IP 66
Mounting PCD	90mm
Thermal Protection	Available



WASHER TANK & PUMP

1.5Ltr or 3Ltr capacity washer tanks available with 12V or 24V washer pumps, with 2 to 5 LPM flow rates.
Capable of designing and manufacturing washer tanks to meet specific requirements from 1Ltr to 10Ltr capacity.



WASHER KIT ACCESSORIES

Varied range of adaptor kits, bulk head fittings, 'T', 'L' & straight connectors, rubber tubes, nozzle fittings, level indicators, grommets and other.



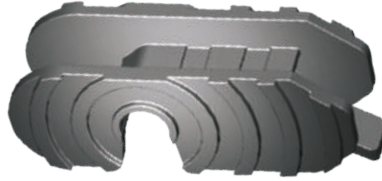
ADAPTORS

'U-Fit'



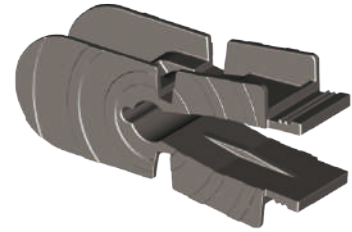
9 x 3 / 9 x 4 mm J Hook
7 x 2.5 mm Bayonet
ø 3/16" / ø 1/4" Side Pin

X1
X2



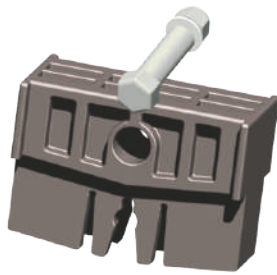
9 x 3 mm 'J' Hook ø 3.8mm Pin
9 x 3 mm 'J' Hook ø 6.0mm Pin

X3
X4



9 x 4 mm 'J' Hook ø 6.0mm Pin
12 x 4 mm 'J' Hook ø 6.0mm Pin

X5



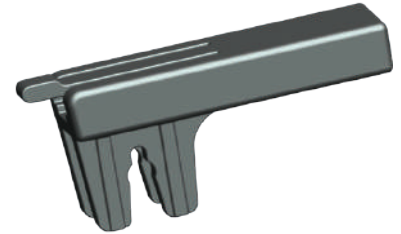
16 mm Saddle ø 6.0mm Pin

X6
X7



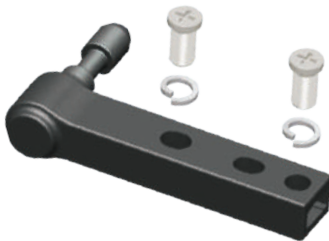
7/32" & 1/4" Saddle ø 3.8mm Pin
7/32" & 1/4" Saddle ø 4.8mm Pin

X10



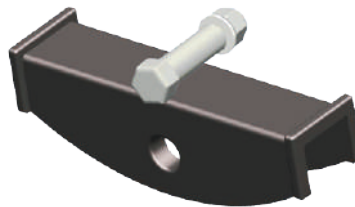
7 x 2.5 mm Slot Bayonet

X11



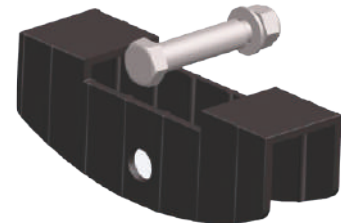
7 x 2.5 mm Slot Bayonet

X12
X13



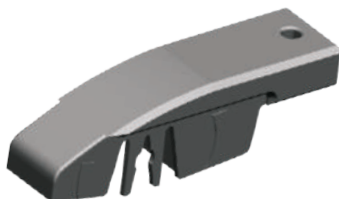
16 mm Saddle ø 6.0mm
21 mm Saddle ø 6.0mm

X14
X15



25.5 mm Saddle ø 8.0mm
27.5 mm Saddle ø 8.0mm

X16



7 x 2.5 mm Bayonet

X20



Rear Pinch Tab for Flat Blade

X21



16 x 6 mm Reverse 'J' Hook

Note :

- For Application of Adaptors refer to each wiper blade chart shown in previous pages.
- Adaptor installation instructions leaflet provided in each wiper blade pack.



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