

SHARPER, BETTER, CLEARER
TOMORROW



ASHVIN AUTO PARTS

Reinvent your ride!

Authorised Spare Parts Dealer





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.





WINDSHIELD WIPER BLADES

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

AEROMITY – Aerodynamic Universal Conventional blade (9" to 28")	'A' series
AEROSPOILER – Aeromity blade with Spoiler (20" to 24")	'AS' series
DUROMITY – Heavy Duty Aerodynamic 16mm Saddle blade (20" to 32")	'D' series
HEAVYDUROMITY – Heavy Duty 21mm to 27.5mm Saddle blade (32" to 40")	'HD' series
UNIDUROMITY – Heavy Duty Aerodynamic Universal blade (20" to 30")	'D' series
AEROTRIM – Flat Screen blade for 8mm flat arm (10" to 22")	'AT' series
BAYDUROMITY – Heavy Duty 9.5mm Bayonet blade (17" to 20")	'BD' series
PANTODUROMITY – Heavy Duty Pantograph 16mm Saddle blade (20" to 28")	'PD' series
AEROWINTER – Universal Sleek Winter Snow blade (12" to 24")	'W' series
AEROSADDLE – Heavy Duty 7/32" & 1/4" Saddle blade (12" to 22")	'SA' 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



'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	A28
9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"	24"	26"	28"
225 mm	260 mm	280 mm	305 mm	330 mm	355 mm	380 mm	410 mm	430 mm	450 mm	480 mm	510 mm	530 mm	560 mm	580 mm	610 mm	660 mm	710 mm



'AS' Series

Aeromity Universal Wiper Blade
With Spoiler (Excellent Wipe
Quality Even At Higher Speeds)

Adaptor Applicable

"U-Fit"

AS20	AS22	AS24
20"	22"	24"
510 mm	560 mm	610 mm

SPECIALITY WIPER BLADE



AT10	AT12	AT14	AT16	AT18	AT20	AT22
10"	12"	14"	16"	18"	20"	22"
250 mm	305 mm	355 mm	410 mm	455 mm	510 mm	560 mm



BD17	BD20
17"	20"
430 mm	500 mm



PANTOTM
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



AEROWINTERTM

'W' Series
Universal Winter Blade

Adaptor Applicable
X8 / X9

W12	W14	W15	W16	W17	W18	W20	W22	W24
12"	14"	15"	16"	17"	18"	20"	22"	24"
310 mm	355 mm	380 mm	410 mm	430 mm	450 mm	510 mm	560 mm	610 mm

SPECIALITY WIPER BLADE



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



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



Adaptor Applicable
X13 / X14 / X15

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



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 TWIN RADIAL

Dual 12mm x 4mm arm rods with wiper blade fitments meeting 25mm and 27mm Saddle adaptors.

WINDSHIELD WIPER ARMS



HEAVY DUTY SINGLE RADIAL

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



HEAVY AND MEDIUM DUTY PANTOGRAPH

Pantograph arms having center distances of 31.75mm to 60mm with wiper blade fitments meeting 14mm, 16.5mm, 25mm and 27mm Saddle adaptors.



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



DIN Shaft
M8/M10/M12



1/2"
Knurl Driver

- 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



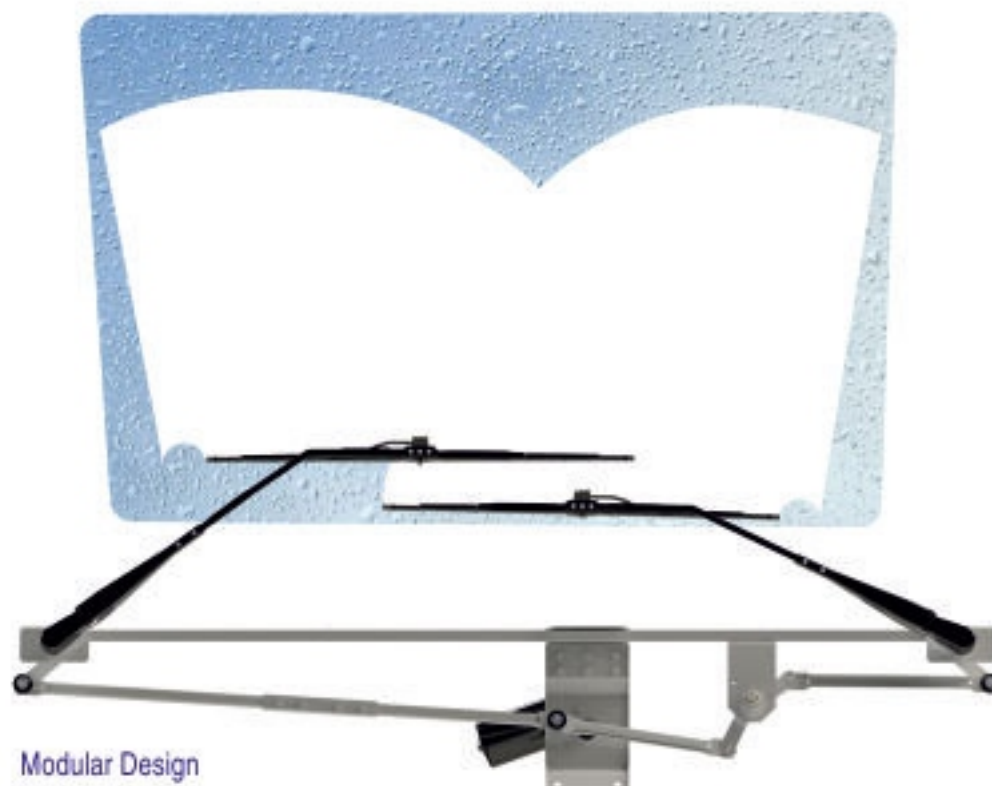
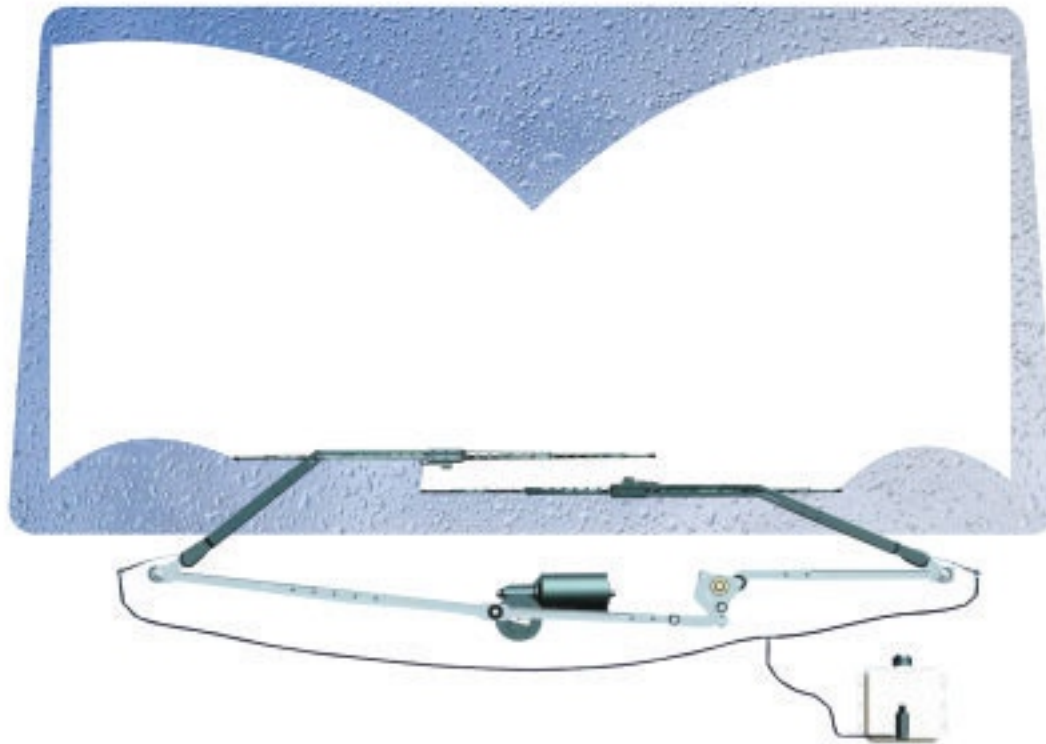
DUAL PANTOGRAPH LINKAGE



SINGLE PANTOGRAPH LINKAGE

WINDSHIELD WASH & WIPE SYSTEMS

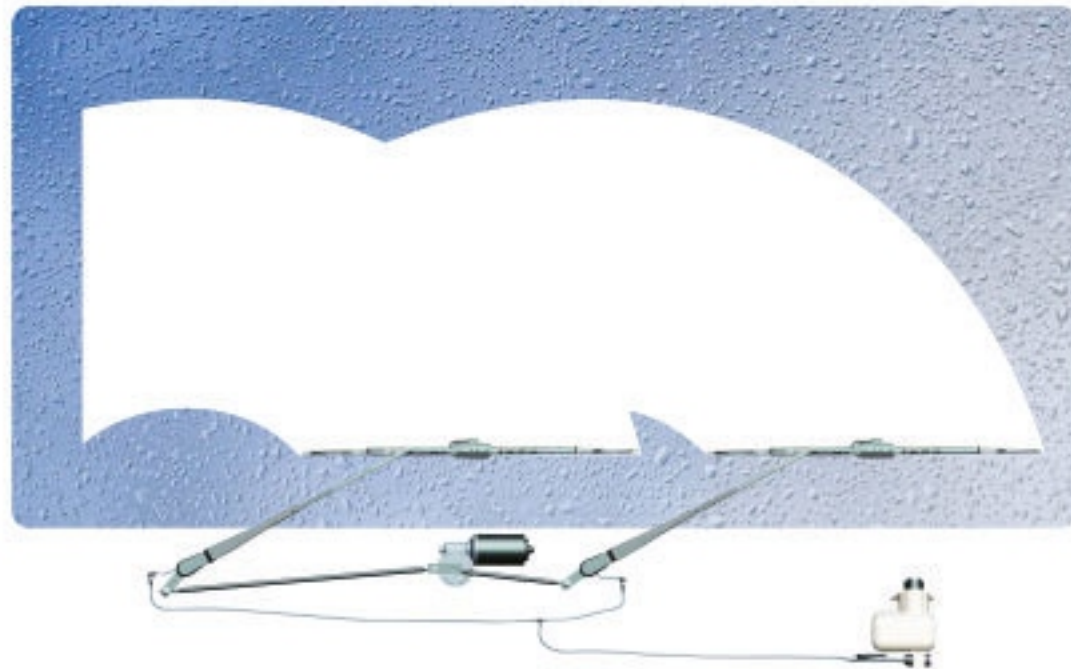
- Designed to meet safety, aesthetic and customer specific requirements that comply with Indian and International regulations for RHD and LHD vehicles.
- Available with motors of suitable torque requirement, in 12V and 24V.
- Designed and tested to provide a longer product life.
- Available with washer 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.



PANORAMIC OPPOSED OVERLAP SYSTEM

Designed for heavy and medium duty luxury coaches and buses

WINDSHIELD WASH & WIPE SYSTEMS



DUAL TANDEM SYSTEM

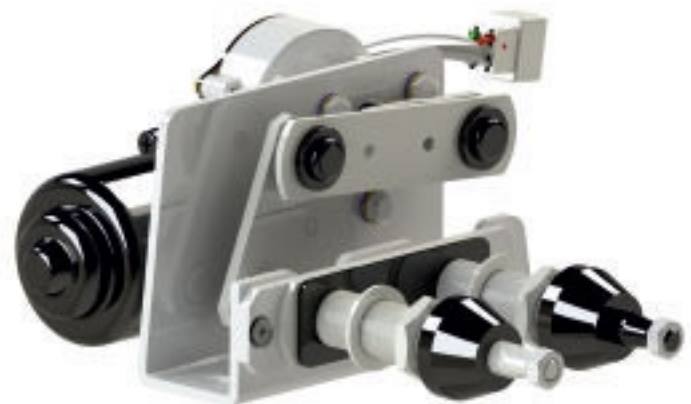
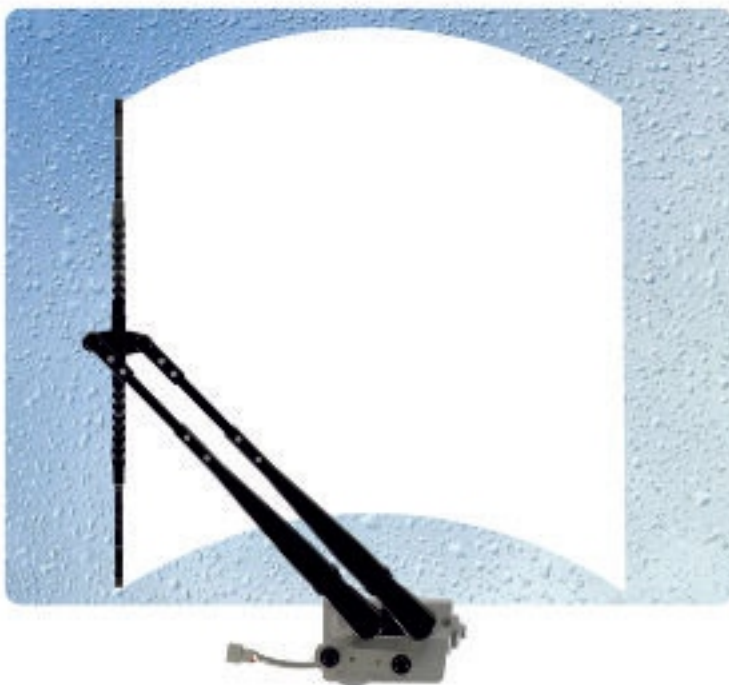
For heavy, medium and light duty, passenger and commercial vehicles, with single or split windscreens

WINDSHIELD WASH & WIPE SYSTEMS



TRI TANDEM SYSTEM

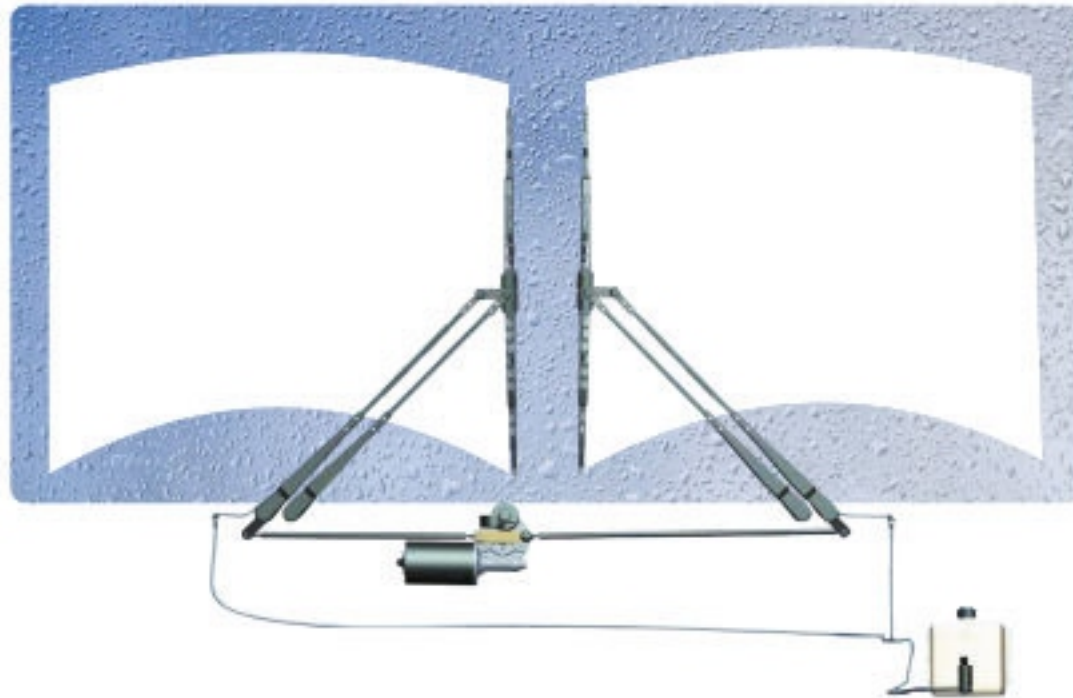
Primarily used in commercial & defence vehicles having wide and narrow windshields



INDIVIDUAL PANTOGRAPH SYSTEM

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

WINDSHIELD WASH & WIPE SYSTEMS



PANTOGRAPH (TANDEM/OPPOSED) SYSTEM

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

WINDSHIELD WASH & WIPE SYSTEMS

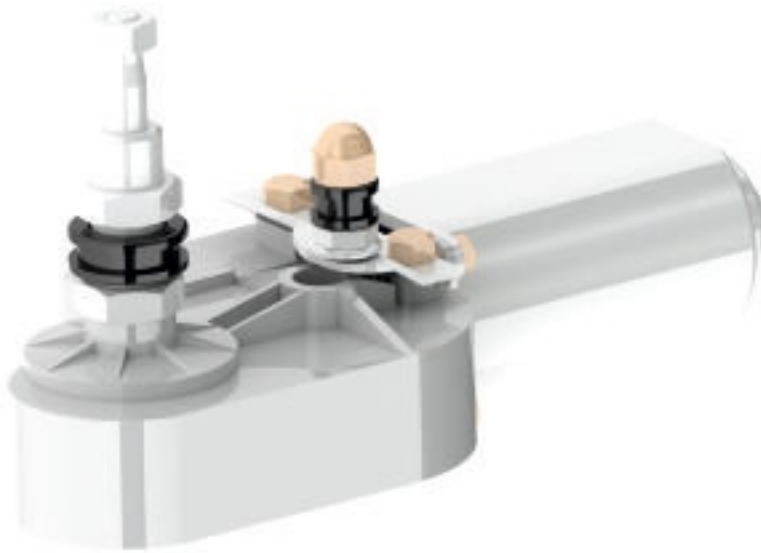


INDIVIDUAL TANDEM SYSTEM

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



DC WIPER MOTORS

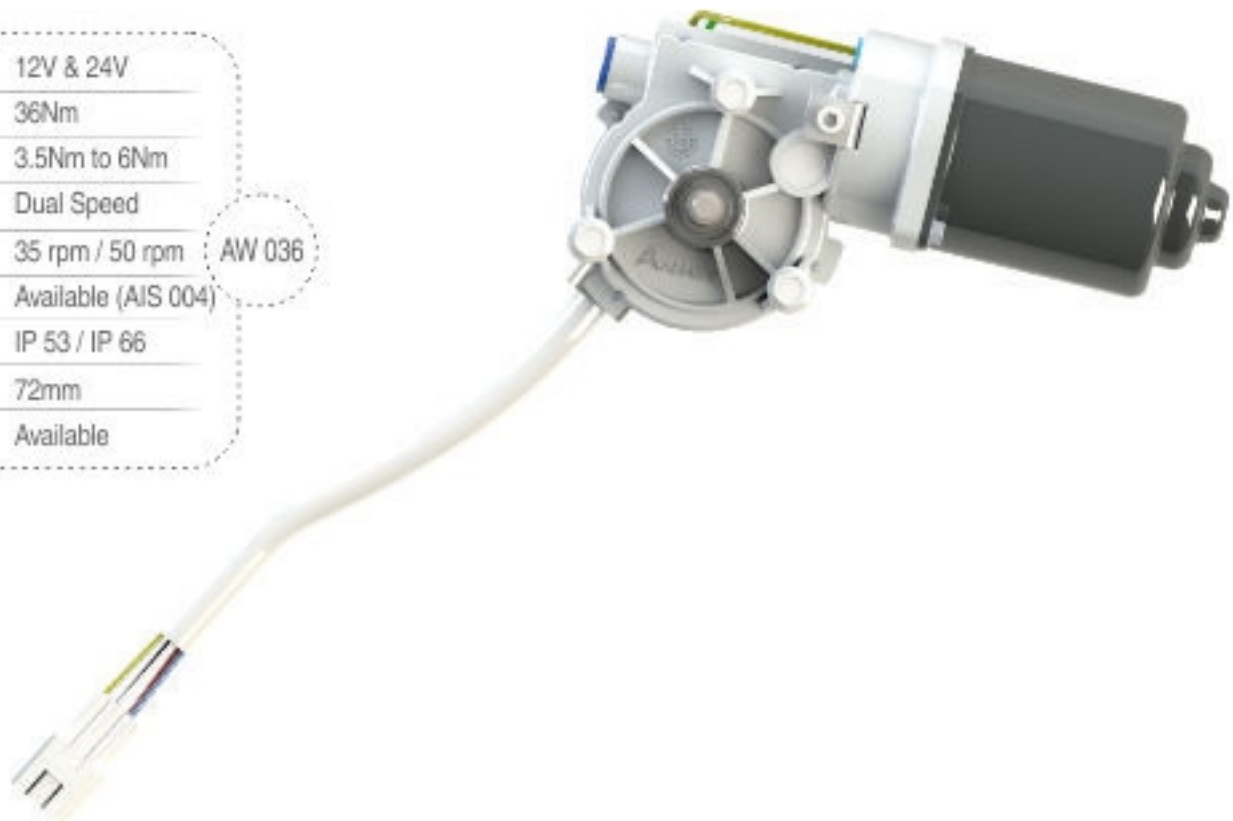


AW 025

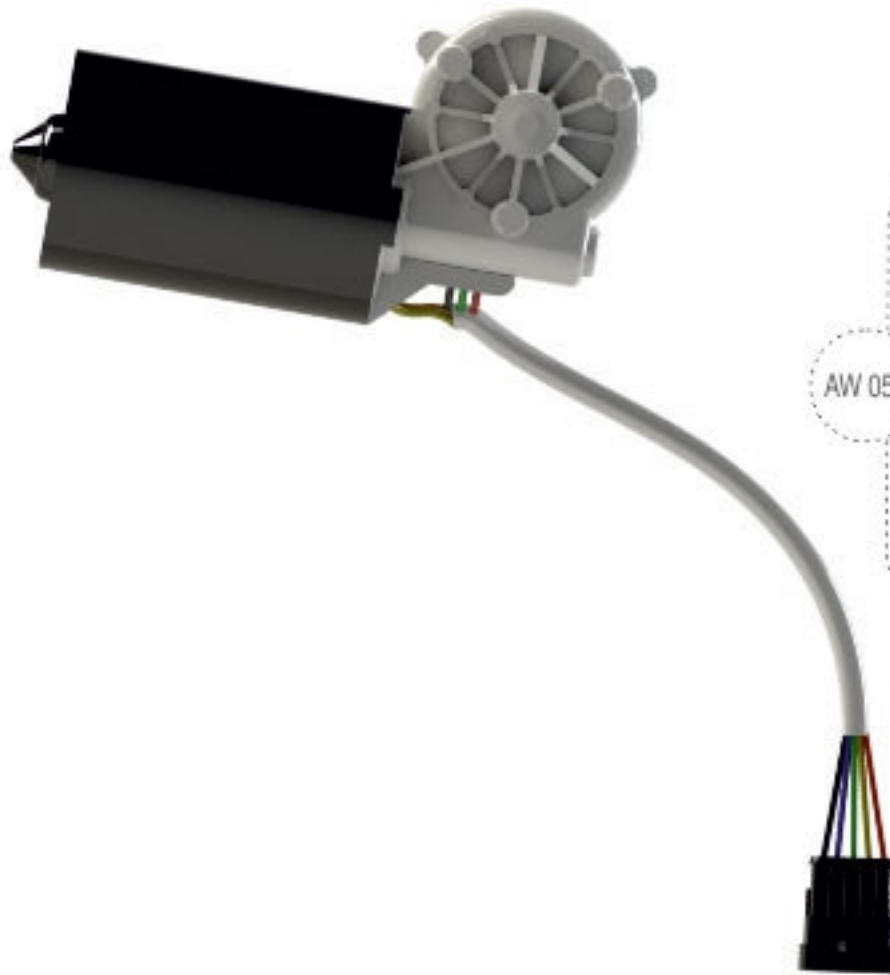
Rated Voltage	12V & 24V
Rated Torque	25Nm
Operating Torque	4Nm to 6Nm
No. of Speeds	Single & Dual Speed
Operating Speed	30 rpm / 45 rpm
Protection Class	IP 53 / IP 66
Mounting PCD	48mm & 50mm
Thermal Protection	Available

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 050

Rated Voltage	12V & 24V
Rated Torque	50Nm
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

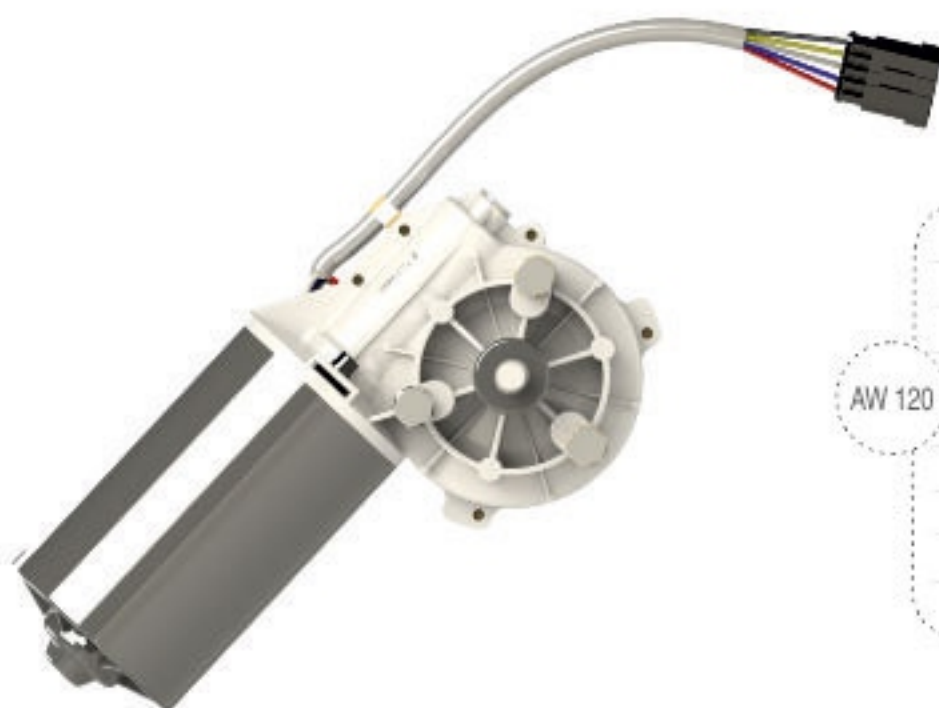
AW 070



DC WIPER MOTORS

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 090



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.



ALMIGHTY AUTO ANCILLARY PVT . LTD

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Authorised Spare Parts Dealer

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