

2016 Body Labor Time Guide



2017 Morgan Olson Body



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Ameripride Delivery Vehicle Morgan Olson Body Labor Time Guide

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Hood & Windshield Rail		QTY	REMOVE	REPLACE
1.	Hood & Hinges	1	.3	.5
2.	Hood Skirt - Left	1	.3	.5
3.	Hood Skirt - Right	1	.3	.5
4.	Hood Casting - Left	1	.2	.3
5.	Hood Casting - Right	1	.2	.3
6.	Cab Skirt - Left	1	1.0	1.5
7.	Cab Skirt - Right	1	1.0	1.5
8.	Hood Hinge	2	.2	.2
9.	Windshield Rail Assembly	1	2.0	2.5
10.	Windshield Rail Casting - Left	1	.6	.7
11.	Windshield Rail Casting - Right	1	.6	.7
12.	Splash Pan - Verticle Right	1	.2	.2
13.	Splash Pan - Verticle Left	1	.2	.2
14.	Splash Pan - Forward - Right	1	.2	.2
15.	Splash Pan - Forward - Left	1	.2	.2
16.	Gas Spring	1	.1	.1
17.	Side Latch	1	.1	.1

Measured in Hours

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Windshield Frame & Glass		QTY	REMOVE	REPLACE
1.	Windshield Frame - Left	1	.4	.8
2.	Windshield Frame - Right	1	.4	.8
3.	Windshield Center Post	1	.3	.3
4.	Stiffener	1	.2	.2
5.	Gusset to Stiffener	1	.2	.2
6.	Windshield Glass - Front	1	.1	.3
7.	Windshield Glass - Side	1	.1	.2
8.	Harness - Front	1	.1	.1
9.	Harness - Side	1	.1	.1
Windshield Washer/Wipers		QTY	REMOVE	REPLACE
1.	Reservoir with Pump	1	.2	.3
2.	Windshield Wiper Assembly	1	.4	.6
3.	Windshield Wiper Arm	2	.1	.1
4.	Windshield Wiper Blade	2	.1	.1
5.	Windshield Wiper Bracket	1	.2	.3
6.	Tee - to Washer	2	.1	.1
Dash Panel Assembly		QTY	REMOVE	REPLACE
1.	Toe Board - Right	1	1.0	2.0
2.	Dash - Center	1	.4	.5
3.	Dash Panel - Adaptor Left	1	.3	.4
Measured in Hours				

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Drivers Seat		QTY	REMOVE	REPLACE
1.	Hi-Back Seat	1	.1	.2
2.	Upper Pedestal Brace	1	.1	.2
3.	Seat Pedestal	1	.1	.2
4.	3-Point Seat Belt	1	.1	.2
5.	Seat Socket	1	.7	.7
Engine Box Installation		QTY	REMOVE	REPLACE
1.	Engine Box Assembly	1	.1	.1
	a. Latch	1	.1	.1
	b. Seal Trim	1	.2	.2
2.	Floor Plate	1	.1	.3
Heater Assembly		QTY	REMOVE	REPLACE
1.	Heater Core	1	.6	.6
2.	Blower Motor	1	.3	.3
3.	Plenum	1	.5	.5
4.	Defroster Diffuser	1	.1	.1
5.	Resistor	1	.1	.1
6.	Heater Switch	1	.1	.1
7.	Heater Valve	1	.2	.2
Air Conditioning		QTY	REMOVE	REPLACE
1.	TBD			
2.				
3.				
4.				
5.				
6.				

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Instrument Panel		QTY	REMOVE	REPLACE
1.	Instrument Panel & Support	1	.8	1.0
2.	Control Panel	1	.1	.2
3.	Dash Board Lamps	2	.1	.2
4.	Windshield Washer Switch	1	.1	.2
5.	Knob	1	.1	.1
Step Assembly - Left & Right		QTY	REMOVE	REPLACE
1.	Step Assembly - Left	1	1.0	1.5
2.	Step Assembly - Right	1	1.0	1.5
Roof Assembly		QTY	REMOVE	REPLACE
1.	Roof Skin	1	2.0	5.0
2.	Roof Nosing	1	1.5	1.8
3.	Roof Corner - Left Front	1	.3	.4
4.	Roof Corner - Right Front	1	.3	.4
5.	Lamp Marker	1	.2	.2
6.	Lamp Identification	1	.2	.2
7.	Roof to Side Panel - Left	1	2.0	2.5
8.	Roof to Side Panel - Right	1	2.0	2.5
9.	Roof Bow @ O-Line	1	.5	.6
10.	Roof to Side Interlock - Left	1	1.0	1.5
11.	Roof to Side Interlock - Right	1	1.0	1.5
12.	Roof Nosing Interlock	1	.2	.3
13.	Roof Transom Interlock	1	.5	.7
14.	Roof Liner Front	1	1.5	1.5

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Instrument Panel		QTY	REMOVE	REPLACE
1.	Upper Side Panel - Left/Right Side	1	2.0	3.0
2.	Lower Side Panel - Left/Right Side	1	1.5	2.0
3.	Rub Rail	1	.8	1.0
4.	Rub Rail Cap - Front	1	.2	.2
5.	Rub Rail Cap - Rear	1	.2	.2
6.	Forward "B" Post - Right/Left Side	1	.3	.4
7.	Stiffener - Front/Rear	1	.2	.3
8.	Stiffener Over Wheel Box	1	.2	.3
9.	Door Pocket Casting - Upper	1	.1	.2
10.	Door Pocket Casting - Lower	1	.1	.2
11.	Side Door	1	.1	.2
12.	Upper Track - Left/Right Side	1	.3	.4
13.	Door Pockets - Left/Right Side	1	.6	1.0
14.	Forward Door Post	1	.4	.7
15.	Door Pocket Channel	1	.3	.5
16.	Header Channel	1	.3	.5
Floor Assembly		QTY	REMOVE	REPLACE
1.	Drop Sill Assembly	1	.7	.9
2.	Wheelbox Assembly Left/Right Side	1	.5	.6
3.	Floor/Side Angle at Door Pocket - Left/Right Side	1	.2	.3
4.	Forward Floor to Side Angle - Left/Right Side	1	.3	.4
5.	Rear Floor to Side Angle - Left/Right Side	1	.2	.3
6.	Rear Floor Panel	1	.2	.5
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Back Assembly		QTY	REMOVE	REPLACE
1.	Back Panel - Left Side	1	1.0	1.2
2.	Back Panel - Right Side	1	1.0	1.2
3.	Corner Guard - Left	1	.2	.2
4.	Corner Guard - Right	1	.2	.2
5.	Jamb Post - Left/Right Side	1	.3	.3
6.	Transom Assembly	1	1.4	1.9
a.	Corner Casting - Left	1	.4	.5
b.	Corner Casting - Right	1	.4	.5
c.	Transom Extrusion	1	.6	.9
7.	Rear Sill	1	.6	1.2
8.	Clip Angle Floor to Post	1	.1	.2
9.	Rear Lamp Guard - Left Side	1	.2	.2
10.	Rear Lamp Guard - Left Side	1	.2	.2
Side Sliding Door		QTY	REMOVE	REPLACE
1.	Side Door Assembly - Left Side	1	.3	.3
2.	Side Door Assembly - Right Side	1	.3	.3
3.	Window	1	.3	.3
4.	Inner Panel	1	.3	.3
5.	Coated Wear Strip	1	.2	.2
6.	Hanger Assembly	1	.3	.3
7.	Forward Door Seal	1	.1	.1
8.	Black Brush Seal	1	.1	.1
9.	Latch	1	.2	.3
10.	Latch Adjust	1	.1	-
Measured in Hours				

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Door - Rear Roll-Up		QTY	REMOVE	REPLACE
1.	Door Assembly	1	.3	.7
2.	Roller	1	.2	.4
3.	Seal - Vertical	1	.1	.2
4.	Seal - Horizontal	1	.1	.2
5.	Cable - Left Side	1	.2	.3
6.	Cable - Right Side	1	.2	.3
7.	Strap	1	.1	.1
8.	Handle	1	.1	.1
9.	Spring	1	.2	.3
10.	Spring Keeper	1	.1	.1
11.	Track Assembly	-	.3	.4
12.	Hinge	1	.1	.2
13.	Maximum Security Lock	1	.2	.3
14.	Top Door Panel	1	.2	.3
15.	All Other Door Panels	1	.2	.4
Front & Rear Bumper Assembly				
		QTY	REMOVE	REPLACE
1.	Rear Bumper Assembly	1	.3	.4
2.	Front Bumper Assembly	1	.3	.4
Measured in Hours				

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Electrical		QTY	REMOVE	REPLACE
1.	Windshield Wiper Motor	1	.2	.3
2.	Parking Lamps/Tail Lamps	1	.1	.1
3.	Head Lamps/Clearance/ICC Lamps	1	.2	.2
4.	Dome Lamps	1	.1	.1
5.	Dome Lamp Switch	1	.1	.1
6.	Front Harness			
a.	Roof Nosing Harness	1	.3	.3
b.	Instrument Panel Harness	1	.5	.5
9.	Rear Harness	1	.3	.3
10.	Roof Harness	1	.5	.5
Sun Visor				
		QTY	REMOVE	REPLACE
1.	Sun Visor Installation	1	.2	.2
Mirrors				
		QTY	REMOVE	REPLACE
1.	Mirror Assembly	1	.2	.2
2.	Mirror Head	-	.1	.1
Ventilators				
		QTY	REMOVE	REPLACE
1.	2 Way Hingeless	1	.3	.3

Measured in Hours

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Roof		QTY	PARTIAL	COAT	REFINISH
1.	Roof to Side Rail	1	.5	.6	.7
2.	Roof Nosing	1	.3	.4	.5
3.	Roof Nose Casting	1	-	.4	.5
Upper Side		QTY	PARTIAL	COAT	REFINISH
1.	Upper Side	1	.5	2.0	2.5
2.	Header Panel	1	.5	.5	.5
3.	"B" Post (Front Side Stiffener)	1	.5	.5	.6
4.	Rub Rail Cap	1		.4	.5
Lower Side		QTY	PARTIAL	COAT	REFINISH
1.	Lower Side	1	.5	.5	2.0
2.	Rub Rail	1	.5	.5	.6
Cab Skirt		QTY	PARTIAL	COAT	REFINISH
1.	Cab Skirt	1	.5	.6	.8
2.	Skirt Tail	1	-	.3	.3
3.	Casting	1	-	.4	.5
4.	Forward Door Post	1	.5	.5	.6
Rear Door - Roll-Up		QTY	PARTIAL	COAT	REFINISH
1.	Rear Door - Roll-Up	1	.5	1.0	1.5
2.	Rear Transom	1	.5	.6	.7
		QTY	PARTIAL	COAT	REFINISH
	Hood	1	.5	.5	.7
	Side Door	1	.5	.9	1.2
	Back Panel	1	.5	.7	1.0
	Windshield Frame	1	.5	.6	.7
	Windshield Rail	1	.5	.6	.7
	Windshield Rail Casting	1	-	.4	.5
	Rear Sill	1	.5	.5	.5