

Important: Read all instructions prior to installation.

MSTRB2

Hideaway LED Strobe

Safety and Notes

Please read all of the following instructions before installation. Failure to install or use this product according to the manufacturer's recommendations may result in property damage, serious injury, and/or death.

- Proper installation of the product requires the installer to have a good understanding of automotive electronics, systems, and procedures.
- This product contains high-intensity LEDs. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the outer lens.
- Do not install this product or route any wires in the deployment area for your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- If mounting this product requires drilling holes, the installer must be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- For this product to operate at optimum efficiency, a good electrical connection to the chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the NEGATIVE (-) battery post.
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or re-installation of this product.

Operation

Connections:

Wire	Quad Color		
	Group 1	Group 2	Group 3
Red	Positive		Positive
White		Positive	Positive
Black	Negative		
Blue	Apply to negative for pattern switch apply to positive for dimming		
Yellow	Synchronized Function		
Green	Apply to negative for mode switch		

Pattern Switch Operation:

Blue wire applies to Negative to Switch Flash Pattern

- Less than 1 second: Next Pattern
- Between 1-3 seconds: Previous Pattern
- Between 3-5 seconds: Factor Default Pattern
- More than 5 seconds: Last Pattern

Phase Operation

- Phase 1 (Ph1) flashes simultaneously with Phase 1 (Ph1).
- Phase 2 (Ph2) flashes simultaneously with Phase 2 (Ph2).
- Phase 1 (Ph1) flashes alternates with Phase 2 (Ph2).

Mode Switch Operation: Apply Green Wire to Negative.

Quad Color			
Mode 1	Color 1	Mode 9	Color 2,4
Mode 2	Color 2	Mode 10	Color 3,4
Mode 3	Color 3	Mode 11	Color 1,2,3
Mode 4	Color 4	Mode 12	Color 1,2,4
Mode 5	Color 1 & 2	Mode 13	Color 1,3,4
Mode 6	Color 1 & 3	Mode 14	Color 2,3,4
Mode 7	Color 1 & 4	Mode 15	Color 1,2,3,4
Mode 8	Color 2 & 3		

Recommend Operation Environment

Ambient Temperature: -22°–122° F (-30°–50° C)
Relative Humidity: 10–85%, non-condensing

Setting Synchronization

- Set all lights to the same Flash Pattern, then connect the Yellow wire of all lights together for synchronization.
- Maximum of 8 Warning Lights can be synchronized.

Troubleshooting

The Light Head has been factory tested and approved. If the functions of the device fail, please check the following:

1. After connecting with the power supply, be sure that the power source end is joined in the correct way. And then, make sure that there is no short-circuited power occurring. Plug device ensure the power switch which has LED is "ON" state.
2. Ensure the Power switch is turned to the "ON" position.



Type	Quad Color															Pattern	Sync		
	Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14			15	
5	9																Double 120FPM Ph1 Color 1	Yes	
	10																Double 120FPM Ph2 Color 1	Yes	
		9															Double 120FPM Ph1 Color 2	Yes	
		10															Double 120FPM Ph2 Color 2	Yes	
			9														Double 120FPM Ph1 Color 3	Yes	
			10														Double 120FPM Ph2 Color 3	Yes	
				9													Double 120FPM Ph1 Color 4	Yes	
				10													Double 120FPM Ph2 Color 4	Yes	
					9												Double 120FPM Ph1 Color 1 Alt Color 2	Yes	
					10												Double 120FPM Ph2 Color 1 Alt Color 2	Yes	
						9											Double 120FPM Ph1 Color 1 Alt Color 3	Yes	
						10											Double 120FPM Ph2 Color 1 Alt Color 3	Yes	
							9										Double 120FPM Ph1 Color 1 Alt Color 4	Yes	
							10										Double 120FPM Ph2 Color 1 Alt Color 4	Yes	
								9									Double 120FPM Ph1 Color 2 Alt Color 3	Yes	
								10									Double 120FPM Ph2 Color 2 Alt Color 3	Yes	
									9								Double 120FPM Ph1 Color 2 Alt Color 4	Yes	
									10								Double 120FPM Ph2 Color 2 Alt Color 4	Yes	
										9							Double 120FPM Ph1 Color 1 Alt Color 2 Alt Color 4	Yes	
										10							Double 120FPM Ph2 Color 1 Alt Color 2 Alt Color 4	Yes	
											9						Double 120FPM Ph1 Color 1 Alt Color 3 Alt Color 4	Yes	
											10						Double 120FPM Ph2 Color 1 Alt Color 3 Alt Color 4	Yes	
												9					Double 120FPM Ph1 Color 2 Alt Color 3 Alt Color 4	Yes	
												10					Double 120FPM Ph2 Color 2 Alt Color 3 Alt Color 4	Yes	
													9				Double 120FPM Ph1 Color 1 Alt Color 2 Alt Color 3 Alt Color 4	Yes	
														10			Double 120FPM Ph2 Color 1 Alt Color 2 Alt Color 3 Alt Color 4	Yes	
6	11																Triple 75FPM Ph1 Color 1	Yes	
	12																Triple 75FPM Ph2 Color 1	Yes	
		11															Triple 75FPM Ph1 Color 2	Yes	
		12															Triple 75FPM Ph2 Color 2	Yes	
			11														Triple 75FPM Ph1 Color 3	Yes	
			12														Triple 75FPM Ph2 Color 3	Yes	
				11													Triple 75FPM Ph1 Color 4	Yes	
				12													Triple 75FPM Ph2 Color 4	Yes	
					11												Triple 75FPM Ph1 Color 1 Alt Color 2	Yes	
					12												Triple 75FPM Ph2 Color 1 Alt Color 2	Yes	
						11											Triple 75FPM Ph1 Color 1 Alt Color 3	Yes	
						12											Triple 75FPM Ph2 Color 1 Alt Color 3	Yes	
							11										Triple 75FPM Ph1 Color 1 Alt Color 4	Yes	
							12										Triple 75FPM Ph2 Color 1 Alt Color 4	Yes	
								11									Triple 75FPM Ph1 Color 2 Alt Color 3	Yes	
								12									Triple 75FPM Ph2 Color 2 Alt Color 3	Yes	
									11								Triple 75FPM Ph1 Color 2 Alt Color 4	Yes	
									12								Triple 75FPM Ph2 Color 2 Alt Color 4	Yes	
										11							Triple 75FPM Ph1 Color 1 Alt Color 3 Alt Color 4	Yes	
										12							Triple 75FPM Ph2 Color 1 Alt Color 3 Alt Color 4	Yes	
											11						Triple 75FPM Ph1 Color 1 Alt Color 2 Alt Color 3 Alt Color 4	Yes	
											12						Triple 75FPM Ph2 Color 1 Alt Color 2 Alt Color 3 Alt Color 4	Yes	
	7	5																Single 375FPM Ph1 Color 1	Yes
		6																Single 375FPM Ph2 Color 1	Yes
			5															Single 375FPM Ph1 Color 2	Yes
			6															Single 375FPM Ph2 Color 2	Yes
			5														Single 375FPM Ph1 Color 3	Yes	
			6														Single 375FPM Ph2 Color 3	Yes	
				5													Single 375FPM Ph1 Color 4	Yes	
				6													Single 375FPM Ph2 Color 4	Yes	
					5												Single 375FPM Ph1 Color 1 Alt Color 2	Yes	
					6												Single 375FPM Ph2 Color 1 Alt Color 2	Yes	
						5											Single 375FPM Ph1 Color 1 Alt Color 3	Yes	
						6											Single 375FPM Ph2 Color 1 Alt Color 3	Yes	
							5										Single 375FPM Ph1 Color 1 Alt Color 4	Yes	
							6										Single 375FPM Ph2 Color 1 Alt Color 4	Yes	
								5									Single 375FPM Ph1 Color 2 Alt Color 3	Yes	
								6									Single 375FPM Ph2 Color 2 Alt Color 3	Yes	
									5								Single 375FPM Ph1 Color 2 Alt Color 4	Yes	
									6								Single 375FPM Ph2 Color 2 Alt Color 4	Yes	
										5							Single 375FPM Ph1 Color 3 Alt Color 4	Yes	
										6							Single 375FPM Ph2 Color 3 Alt Color 4	Yes	
											5						Single 375FPM Ph1 Color 1 Alt Color 2 Alt Color 3	Yes	
												5					Single 375FPM Ph2 Color 1 Alt Color 2 Alt Color 3	Yes	
													5				Single 375FPM Ph1 Color 1 Alt Color 2 Alt Color 4	Yes	
														5			Single 375FPM Ph2 Color 1 Alt Color 2 Alt Color 4	Yes	
															5		Single 375FPM Ph1 Color 1 Alt Color 3 Alt Color 4	Yes	
																6	Single 375FPM Ph2 Color 1 Alt Color 3 Alt Color 4	Yes	
8	7																Double 75FPM Ph1 Color 1	Yes	
	8																Double 75FPM Ph2 Color 1	Yes	
		7															Double 75FPM Ph1 Color 2	Yes	
		8															Double 75FPM Ph2 Color 2	Yes	
			7														Double 75FPM Ph1 Color 3	Yes	
			8														Double 75FPM Ph2 Color 3	Yes	
				7													Double 75FPM Ph1 Color 4	Yes	
				8													Double 75FPM Ph2 Color 4	Yes	
					7												Double 75FPM Ph1 Color 1 Alt Color 2	Yes	
					8												Double 75FPM Ph2 Color 1 Alt Color 2	Yes	
						7											Double 75FPM Ph1 Color 1 Alt Color 3	Yes	
						8											Double 75FPM Ph2 Color 1 Alt Color 3	Yes	
							7										Double 75FPM Ph1 Color 1 Alt Color 4	Yes	
							8										Double 75FPM Ph2 Color 1 Alt Color 4	Yes	
								7									Double 75FPM Ph1 Color 2 Alt Color 3	Yes	
								8									Double 75FPM Ph2 Color 2 Alt Color 3	Yes	
									7								Double 75FPM Ph1 Color 2 Alt Color 4	Yes	
									8								Double 75FPM Ph2 Color 2 Alt Color 4	Yes	
										7							Double 75FPM Ph1 Color 3 Alt Color 4	Yes	
										8							Double 75FPM Ph2 Color 3 Alt Color 4	Yes	
											7						Double 75FPM Ph1 Color 1 Alt Color 2 Alt Color 3	Yes	
											8						Double 75FPM Ph2 Color 1 Alt Color 2 Alt Color 3	Yes	
												7					Double 75FPM Ph1 Color 1 Alt Color 2 Alt Color 4	Yes	
												8					Double 75FPM Ph2 Color 1 Alt Color 2 Alt Color 4	Yes	
													7				Double 75FPM Ph1 Color 1 Alt Color 3 Alt Color 4	Yes	
													8				Double 75FPM Ph2 Color 1 Alt Color 3 Alt Color 4	Yes	

Type Mode	Quad Color															Pattern	Sync
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	17															NFPA-Quad Flash 90FPM Color 1	No
		17														NFPA-Quad Flash 90FPM Color 2	No
			17													NFPA-Quad Flash 90FPM Color 3	No
				17												NFPA-Quad Flash 90FPM Color 4	No
10	18															ModuFlash sim. Color 1	No
		18														ModuFlash sim. Color 2	No
			18													ModuFlash sim. Color 3	No
				18												ModuFlash sim. Color 4	No
					17											ModuFlash Color 1 Alt Color 2	No
						17										ModuFlash Color 1 Alt Color 3	No
							17									ModuFlash Color 1 Alt Color 4	No
								17								ModuFlash Color 2 Alt Color 3	No
									17							ModuFlash Color 2 Alt Color 4	No
										17						ModuFlash Color 3 Alt Color 4	No
											17					ModuFlash Color 1 Alt Color 2 Alt Color 3	No
												17				ModuFlash Color 1 Alt Color 2 Alt Color 4	No
													17			ModuFlash Color 1 Alt Color 3 Alt Color 4	No
														17		ModuFlash Color 2 Alt Color 3 Alt Color 4	No
														17	ModuFlash Color 1 Alt Color 2 Alt Color 3 Alt Color 4	No	
11	19															2 Double Flash 2 Quad Flash Color 1	No
		19														2 Double Flash 2 Quad Flash Color 2	No
			19													2 Double Flash 2 Quad Flash Color 3	No
				19												2 Double Flash 2 Quad Flash Color 4	No
12	20															4 Single Flash 2 Triple Flash Color 1	No
		20														4 Single Flash 2 Triple Flash Color 2	No
			20													4 Single Flash 2 Triple Flash Color 3	No
				20												4 Single Flash 2 Triple Flash Color 4	No
13	21															Autorun Color 1	No
		21														Autorun Color 2	No
			21													Autorun Color 3	No
				21												Autorun Color 4	No
					18											Autorun Color 1 Alt Color 2	No
						18										Autorun Color 1 Alt Color 3	No
							18									Autorun Color 1 Alt Color 4	No
								18								Autorun Color 2 Alt Color 3	No
									18							Autorun Color 2 Alt Color 4	No
										18						Autorun Color 3 Alt Color 4	No
											18					Autorun Color 1 Alt Color 2 Alt Color 3	No
												18				Autorun Color 1 Alt Color 2 Alt Color 4	No
													18			Autorun Color 1 Alt Color 3 Alt Color 4	No
														18		Autorun Color 2 Alt Color 3 Alt Color 4	No
14	22															steady burn Color 1	No
		22														steady burn Color 2	No
			22													steady burn Color 3	No
				22												steady burn Color 4	No