OMB Control No.: 2127-0004

Part 573 Safety Recall Report

Manufacturer Name :E-One IncorporatedSubmission Date :JAN 09, 2018NHTSA Recall No. :18V-056Manufacturer Recall No. :NR

Manufacturer Information :

Manufacturer Name : E-One Incorporated Address : 1601 S.W. 37TH AVENUE Ocala FL 34474 Company phone : (904) 237-1122

ompany phone : (904) 23

Vehicle Information :

Vehicle 1:	2005-2010 E-ON	IE TYPHOON			
Vehicle Type :	BUSES, MEDIUM & HEAVY VEHICLES				
Body Style :	ALL				
Power Train :	DIESEL				
Descriptive Information :	Emergency vehicles equipped with IOTA brand 50 amp transfer switches, IOTA manufacturer's model number ITS-50R.				
Production Dates :	JAN 01, 2005 - D	EC 31, 2010			
VIN Range 1:	Begin :	NR	End :	NR	Not sequential
Vehicle 2:	2005-2010 E-ON	IE CYCLONE 3			
Vehicle Type :	BUSES, MEDIUM	& HEAVY VEH	ICLES		
Body Style :	ALL				
Power Train :	DIESEL				
Descriptive Information : Affected vehicles are equipped with an IOTA 50 Amp transfer switch, which is used to switch power between on-vehicle generator and shoreline power					
Production Dates :	JAN 01, 2005 - D	EC 31, 2010			
VIN Range 1:	Begin :	NR	End :	NR	□ Not sequential
Vehicle 3:	2005-2010 SPA	RTAN GLADIAT	OR		
Vehicle Type :	BUSES, MEDIUM	& HEAVY VEH	ICLES		
Body Style :	ALL				
Power Train :	DIESEL				
Descriptive Information : Affected vehicles are equipped with an IOTA 50 Amp transfer switch, which is used to switch power between on-vehicle generator and shoreline power					
Production Dates :	JAN 01, 2005 - D	EC 31, 2010			
VIN Range 1:	Begin :	NR	End :	NR	Not sequential
Vehicle 4: 2005-2010 E-ONE CYCLONE 2					
The in	nformation containe	d in this report wa	as subm	tted pursuant to 49 CFR §573	



Number of potentially involved : 196 Estimated percentage with defect : 10 %

Population :

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Vehicle Type :	BUSES, MEDIUM	I & HEAVY VEH	ICLES		
Body Style :	ALL				
Power Train :	DIESEL				
Descriptive Information :				10TA 50 Amp transfe erator and shoreline p	er switch, which is used to ower
Production Dates :	: JAN 01, 2005 - D	DEC 31, 2010			
VIN Range 1:	: Begin :	NR	End :	NR	☐ Not sequential
Vehicle 5	2005-2010 E-O	NE X-036			
Vehicle Type :	BUSES, MEDIUM	1 & HEAVY VEH	ICLES		
Body Style :	: ALL				
Power Train :	: DIESEL				
	switch power be	etween on-vehi		IOTA 50 Amp transfe erator and shoreline p	er switch, which is used to ower
Production Dates :					
VIN Range 1:	: Begin :	NR	End:	NR	☐ Not sequential
Vehicle 6	2005-2010 SPA	RTAN BIG EASY	7		
Vehicle Type :	BUSES, MEDIUM	I & HEAVY VEH	ICLES		
Body Style :					
Power Train :	DIESEL				
Descriptive Information :				1 IOTA 50 Amp transfe erator and shoreline p	er switch, which is used to
			500 80110	prator and proronic p	01101
Production Dates :			ere gen		
Production Dates : VIN Range 1 :	: JAN 01, 2005 - D		End :		Not sequential
VIN Range 1:	: JAN 01, 2005 - D : Begin :	DEC 31, 2010 NR	_		
VIN Range 1 : Vehicle 7 :	: JAN 01, 2005 - D	DEC 31, 2010 NR D F-550	End :		
VIN Range 1 : Vehicle 7 :	: JAN 01, 2005 - D : Begin : : 2005-2010 FOR : BUSES, MEDIUM	DEC 31, 2010 NR D F-550	End :		
VIN Range 1 : Vehicle 7 : Vehicle Type :	: JAN 01, 2005 - D : Begin : : 2005-2010 FOR : BUSES, MEDIUM : ALL	DEC 31, 2010 NR D F-550	End :		
VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train :	JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle	DEC 31, 2010 NR D F-550 I & HEAVY VEH s are equipped	End : ICLES with an	NR	□ Not sequential
VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train :	 JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle switch power be 	DEC 31, 2010 NR D F-550 I & HEAVY VEH s are equipped etween on-vehi	End : ICLES with an	NR 10TA 50 Amp transfe	□ Not sequential
VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train : Descriptive Information :	 JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle switch power be JAN 01, 2005 - D 	DEC 31, 2010 NR D F-550 I & HEAVY VEH s are equipped etween on-vehi	End : ICLES with an	NR IOTA 50 Amp transfe erator and shoreline p	□ Not sequential
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VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates : VIN Range 1 : Vehicle 8 :	 JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle switch power be JAN 01, 2005 - D Begin : 2005-2010 FRE 	DEC 31, 2010 NR D F-550 I & HEAVY VEH etween on-vehi DEC 31, 2010 NR IGHTLINER M2	End : ICLES with an cle gene End :	NR IOTA 50 Amp transfe erator and shoreline p	□ Not sequential er switch, which is used to ower
VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates : VIN Range 1 : Vehicle 8 :	 JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle switch power be JAN 01, 2005 - D Begin : 2005-2010 FRE BUSES, MEDIUM 	DEC 31, 2010 NR D F-550 I & HEAVY VEH etween on-vehi DEC 31, 2010 NR IGHTLINER M2	End : ICLES with an cle gene End :	NR IOTA 50 Amp transfe erator and shoreline p	□ Not sequential er switch, which is used to ower
VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates : VIN Range 1 : Vehicle 8 : Vehicle 8 :	 JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle switch power be JAN 01, 2005 - D Begin : 2005-2010 FRE BUSES, MEDIUM ALL 	DEC 31, 2010 NR D F-550 I & HEAVY VEH etween on-vehi DEC 31, 2010 NR IGHTLINER M2	End : ICLES with an cle gene End :	NR IOTA 50 Amp transfe erator and shoreline p	□ Not sequential er switch, which is used to ower
VIN Range 1 : Vehicle 7 : Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates : VIN Range 1 : Vehicle 8 : Vehicle 8 : Body Style : Body Style : Power Train :	 JAN 01, 2005 - D Begin : 2005-2010 FOR BUSES, MEDIUM ALL DIESEL Affected vehicle switch power be JAN 01, 2005 - D Begin : 2005-2010 FRE BUSES, MEDIUM ALL DIESEL Affected vehicle 	DEC 31, 2010 NR D F-550 I & HEAVY VEH etween on-vehi DEC 31, 2010 NR IGHTLINER M2 I & HEAVY VEH s are equipped	End : ICLES with an cle gene End : ICLES with an	NR IOTA 50 Amp transfe erator and shoreline p NR	 Not sequential er switch, which is used to ower Not sequential er switch, which is used to
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)05-2010 INT	ERNATIONAL	4400		
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES					
Body Style : ALL					
Power Train : D	ESEL				
		es are equippe etween on-ve			o transfer switch, which is used to oreline power
Production Dates : JA	N 01, 2005 - I	DEC 31, 2010			
VIN Range 1 : Beg	gin :	NR	End :	NR	□ Not sequential
Vehicle 10: 20	05-2010 INT	ERNATIONAI	2 7400		
Vehicle Type : Bl	JSES, MEDIUN	M & HEAVY V	EHICLES		
Body Style : Al	T				
Power Train : Dl	ESEL				
		es are equippe etween on-ve			o transfer switch, which is used to preline power
Production Dates : JA	N 01, 2005 - J	DEC 31, 2010			
VIN Range 1 : Beg	çin :	NR	End :	NR	☐ Not sequential
	used to swit Under certa the lugs on t Under high	tch power bet in heavy duty the buss bar. electrical load	ween on-v cycles, the ls, loose el	ehicle genera ese switches i ectrical conno	Amp transfer switch, which is ator and shoreline power. may experience loosening of ections at the lugs can cause he switch, and could lead to a
	fire.		inage the c		
	NR				
FMVSS 1 : FMVSS 2 :	NR				
	Under high				ections at the lugs can cause he switch, and could lead to a
FMVSS 2 : Description of the Safety Risk :	Under high high heat wi fire. Under certa	hich could dai	mage the e	nclosure of tl	
FMVSS 2 : Description of the Safety Risk :	Under high high heat w fire. Under certa the lugs on t Smoulderin	hich could dai in heavy duty the buss bar. g, smoke, or "	mage the e cycles, the	nclosure of tl ese switches i	he switch, and could lead to a may experience loosening of

Component Manufacturer

The information contained in this report was submitted pursuant to 49 CFR §573

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18V-056

Name :	IOTA
Address :	NR
	NR
Country :	NR

Chronology:

Dec 8, 2017 – E-ONE received a report of a burning smell emanating from a vehicle in the field. The specific vehicle was built in 2008. The Dealer reported that the smell originated from the IOTA transfer switch, located in the body of the truck (not in the CAB area).

Dec 2017 – E-ONE investigated the root cause, during which time it came to light that other manufacturers have conducted safety-related recalls on this specific switch.

Jan 2, 2018 – E-ONE decided that replacing the switch completely was the best course of action. A decision was made to recall the affected population.

Description of Remedy :

Description of Remedy Program :	E-One recommends replacement of the IOTA switch with a new switch made by POWERMAX. Vehicles subject to this recall are to be inspected and repaired by an E-ONE certified dealer or technician. E-ONE will compensate the dealer or owner for inspecting and replacing the IOTA transfer switch (IOTA model number ITS-50R), with a POWERMAX transfer switch (E-ONE part #538550) supplied free of charge if it has not already been replaced during normal maintenance. Replacement of each transfer switch should take approximately 2 hours.
How Remedy Component Differs from Recalled Component :	The new switch will be a POWERMAX (E-ONE part number 538550).
5	The IOTA transfer switch was discontinued by the manufacturer in 2010. At that time E-ONE switched to POWERMAX.

Recall Schedule :

Description of Recall Schedule :	Email dealers copies of the recall letter.
	Direct mail copies of the recall letter to customers.
Planned Dealer Notification Date :	MAR 01, 2018 - MAR 05, 2018
Planned Owner Notification Date :	MAR 05, 2018 - MAR 09, 2018

* NR - Not Reported

The information contained in this report was submitted pursuant to 49 CFR §573