



SEE GROUP INFORMATION TABLE BELOW FOR LEVEL SWITCH TRIP DEPTH.	ITEM NO.						
	1	2	3	4	4	4	4
KIT PART NUMBER	PART NO. HC57453042			LOW FUEL LEVEL SWITCH PART NO. HC57501036	LOW FUEL LEVEL SWITCH PART NO. HC57501045	LOW FUEL LEVEL SWITCH PART NO. HC57501049	LOW FUEL LEVEL SWITCH PART NO. HC57501052
	CONDULET BODY 1/2" FEMALE NPT	CONDULET GASKET	CONDULET COVER				
HC90065136	1	1	1	1			
HC90065145	1	1	1		1		
HC90065149	1	1	1			1	
HC90065152	1	1	1				1

LOW FUEL LEVEL SWITCH INFORMATION TABLE

PART NUMBER	MALE NPT MOUNTING FITTING SIZE (INCHES)	TRIP DEPTH DIMENSION A (INCHES)
HC57501036	1-1/4	ADJUSTABLE FROM 2-1/2 TO 19-1/2
HC57501045	1-1/4	ADJUSTABLE FROM 2-1/2 TO 35
HC57501049	2	ADJUSTABLE FROM 2-1/2 TO 24-3/16
HC57501052	1-1/2	ADJUSTABLE FROM 2-1/2 TO 34-9/16

LOW FUEL LEVEL SWITCH SPECIFICATIONS:
 SINGLE FLOAT, SPST
 RATING: 100 WATTS, 460 VOLTS-AC
 3 AMPS (MAX), N.C. (FLOAT DRY)
 STEM: 3/8 IN. BRASS
 FLOAT: BUNA 2000
 1.8 IN. TALL X 1.3 IN. DIA.
 WITH BRASS CLIPS
 MAX. OPERATING TEMPERATURE: 200°F
 MAX. OPERATING PRESSURE: 300 PSI
 UL FILE # E324587

REFERENCE:
 NFPA-20, CHAPTER 11:
 DIESEL ENGINE DRIVE.
 11.4.2.6.2 A FUEL LEVEL INDICATOR
 SHALL BE PROVIDED TO ACTIVATE
 AT THE TWO-THIRDS TANK LEVEL.

DEPTH ADJUSTMENT PROCEDURE:
 (FOR SWITCH MOUNTED VERTICAL
 IN TOP OF TANK)

1. MEASURE DIAMETER (DEPTH) OF TANK.
 2. SLIDE MOUNTING FITTING ON STEM/TUBING SO THAT DIMENSION A EQUALS ONE-THIRD OF TANK DIAMETER. SEE REFERENCE BELOW.
 3. TIGHTEN LOCKNUT ONTO MOUNTING FITTING.
- NOTE: AFTER THE LOCKNUT IS PROPERLY TIGHTEN, THE FLOAT CANNOT BE RE-ADJUSTED.

EXAMPLE:
 TANK IS 30 INCHES DEEP,
 SET DIMENSION A TO 10 INCHES.

E	D	C	B	A	Rev	DATE	BY	DESCRIPTION	LINEAR	HOLE	ANGLES	PARTS KIT UNIVERSAL LOW LEVEL FLOAT SWITCH FOR DIESEL ENGINE FIRE PUMP CONTROLLER KIT PART NUMBER - SEE TABLE	
									0.X = ±.050	PUNCH ±.002	DIMEN. ± 1°		CADD NO. 90065136
								0.XX = ±.020	DRILL ≤ .50 ±.002	UNDIM. 90° ±2'	Disk No.LEXINGTO\ASSEMBLY DATE 03/11/13 DR. DAMA CK. REF.		
								0.XXX = ±.005	DRILL > .50 ±.004				
									REAM SPECIFIED				
Hubbell Industrial Controls, Inc. 4301 Cheyenne Drive, Archdale, N.C. 27263									DRG. NO. 1 OF 1 A-90065-136				