



Copyright FCI.

PRODUCT NO.
SEE SHT. 2

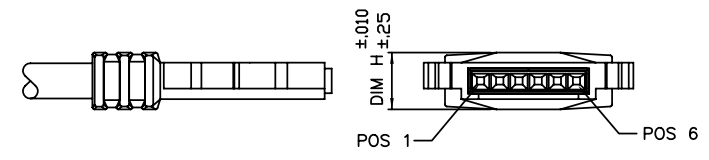
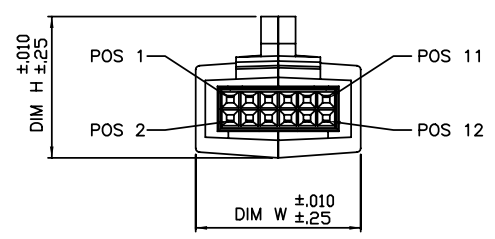
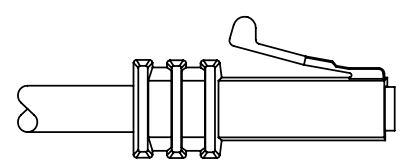
SIZE	DIM H	DIM L	DIM W
1 X 4	.300/7.62	1.291/32.79	
1 X 6	.300/7.62	1.291/32.79	
1 X 8	.300/7.62	1.291/32.79	
1 X 10	.300/7.62	1.291/32.79	
2 X 3	.705/17.91	1.267/32.18	.560/14.22
2 X 4	.705/17.91	1.267/32.18	.660/16.76
2 X 6	.735/18.67	1.365/34.67	.860/21.84
2 X 8	.735/18.67	1.365/34.67	1.060/26.92
2 X 10	.735/18.67	1.365/34.67	1.260/32.00



DOUBLE ROW PLUG ASSEMBLY



SINGLE ROW PLUG ASSEMBLY



rev	ecn no	dr	date
S	N10-0425	KW	12/14/10
M	V03-0798	HTB	7/16/03
N	M05-0062	ERE	4/01/05
P	M06-0151	MHT	4/10/06
R	M06-0365	AGS	9/21/06

www.fciconnect.com

Dr D.INGRAM 5/13/96

Eng M.SMYK 5/13/96

Chr M.SMYK 5/13/96

Appr M.SMYK 5/13/96

surface ISO 1302

tolerance std ISO 406/ISO 1101

ANGULAR

LINEAR

0° ±2°

Product family LATCH-N-LOK

projection

size A4

ECN N10-0425

Spec ref

INCH/MM

Scale 1:1

N10-0425

title LATCH-N-LOK CONNECTOR KIT

catalog no

dwg no 91481

Rev. S

CUSTOMER COPY

sheet 1 of 5

PRODUCT NUMBER
SEE TABLE

914VW-XYZLF

LEAD FREE OPTION ⑨ ⑩

Y	COLOR PLUG AND CAP	
-1-	LIGHT GRAY	OBSOLETE
2	OFF-WHITE	
-3-	DARK GRAY	OBSOLETE
4	BLACK	
-5-	SLATE GRAY	OBSOLETE
7	SILVER GRAY	
-8-	PEARL WHITE	OBSOLETE
9	PEBBLE GRAY	

NOTE 6

Z	CABLE EXIT STYLE
0	NO EXIT
1	REAR EXIT
2	RIGHT EXIT
3	LEFT EXIT

NOTE 5

X	SIZES 2X3 & 2X4 CABLE O.D.	SIZES 2X6, 2X8 & 2X10 CABLE O.D.	SIZES 1X4, 1X6, 1X8 & 1X10 CABLE O.D.
0	.040/1.02 TO .065/1.65	.145/3.86 TO .165/4.19	.045/1.14 TO .075/1.91
1	.070/1.78 TO .095/2.41	.170/4.32 TO .195/4.95	.080/2.03 TO .095/2.41
2	.100/2.54 TO .125/3.18	.200/5.08 TO .225/5.72	.100/2.54 TO .115/2.92
3	.130/3.30 TO .155/3.94	.230/5.84 TO .255/6.48	.120/3.05 TO .135/3.43
4	.160/4.06 TO .185/4.70	.260/6.60 TO .285/7.24	.140/3.56 TO .155/3.94
5	.190/4.83 TO .215/5.46	.290/7.34 TO .315/8.00	.160/4.06 TO .175/4.45
6	.220/5.59 TO .245/6.22	NA	.180/4.57 TO .195/4.95
7	.250/6.35 TO .275/6.99	NA	NA
8	NO EXIT HOLE	NO EXIT HOLE	NO EXIT HOLE

W	SIZE CONFIGURATION
1	1 X 4
2	1 X 6
3	1 X 8
4	1 X 10
5	2 X 3
6	2 X 4
7	2 X 6
8	2 X 8
9	2 X 10

V	WIRE SIZE
6	LATCH GUARD (PV'S NOT INCLUDED)
7	
8	PV'S NOT INCLUDED

NOTE 7

EXAMPLE

91486-541 - IS A 2 X 4 REAR EXIT PLUG IN BLACK WITH A CABLE EXIT HOLE SIZE OF .220/5.59 DIA. (<Ø.190/4.83 TO Ø.215/5.46 CABLE RANGE).

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406/ISO 1101	projection ISO 10	INCH/MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	D. INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13	A4
Chr	M.SMYK	5/13/96	0°	±2°	0.XXXX/0.XXX	±0.0020/0.051	ECN
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK			Spec ref	
title			LATCH-N-LOK			Rev.	
catalog no			CONNECTOR KIT			S	
			dwg no			91481	
			CUSTOMER COPY			sheet 2 of 5	

NOTES:

1. EACH KIT CONTAINS ONE EACH OF THE FOLLOWING COMPONENTS:
PLUG FRONT NOTE 8
CAP
MINI-LATCH HOUSING
SHIELD CAN
CRIMP RING
2. COMPONENTS ARE BULK PACKAGE WITH 100 PC OF A COMPONENT PER BAG. PV'S MUST BE ORDERED SEPARATELY.
3. MATERIALS USED: PLUGS AND CAPS ARE MOLDED IN POLYCARBONATE. THE MINI-LATCH HOUSING IS MOLDED IN NYLON, COLOR IS BLACK. THE CRIMP RING IS 304 STAINLESS STEEL, 1/2 HARD. THE SHIELD CAN IS 1/2 HARD BRASS, PLATED WITH 100-150 μ " / 2.54-4.06 μ OF TIN.
4. PLUGS, CAPS, MINI-LATCH HOUSING AND SHIELD CANS ARE ALL U.L. RECOGNIZED AND CSA APPROVED COMPONENTS.
- ⑤ SINGLE ROW CONNECTORS WITH REAR CABLE EXITS ARE CONSIDERED STANDARD PRODUCTS. SINGLE ROW CONNECTORS WITH SIDE CABLE EXITS ARE "CUSTOMER SPECIALS" AND INCLUDE A NYLON TIE WRAP REPLACING THE CRIMP RING (NORMAL CORD RETENTION WILL BE REDUCED AS A RESULT).
- ⑥ PLUG AND CAP COLORS LISTED ARE LOW GLOSS FINISH.
- ⑦ LATCH GUARD TOOLED IN 2 X 4 SIZE ONLY. THESE KITS DO NOT INCLUDE PV TERMINALS.
- ⑧ PLUG TOOLING WITH NO EXIT HOLE AVAILABLE IN 2 X 3, 2 X 4, AND 2 X 6 SIZES ONLY.
- ⑨ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

THE DIAGRAM FOR 91481



THE DIAGRAM FOR 91482

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection 		INCH/MM 	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size A4	Scale 1:1		
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13				
Chr	M.SMYK	5/13/96	0°	±2°	0.XXXX/0.XXX	±0.0020/0.051	ECN	N10-0425		
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref			
			title LATCH-N-LOK CONNECTOR KIT			dwg no 91481			Rev. S	
catalog no										
						CUSTOMER COPY			sheet 3 of 5	

1

2

3

4

A

B

C

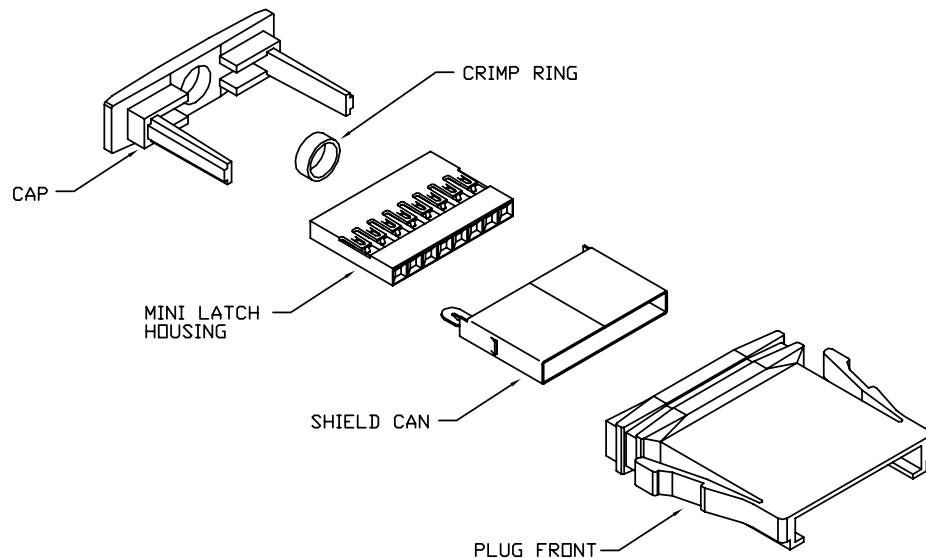
D

A

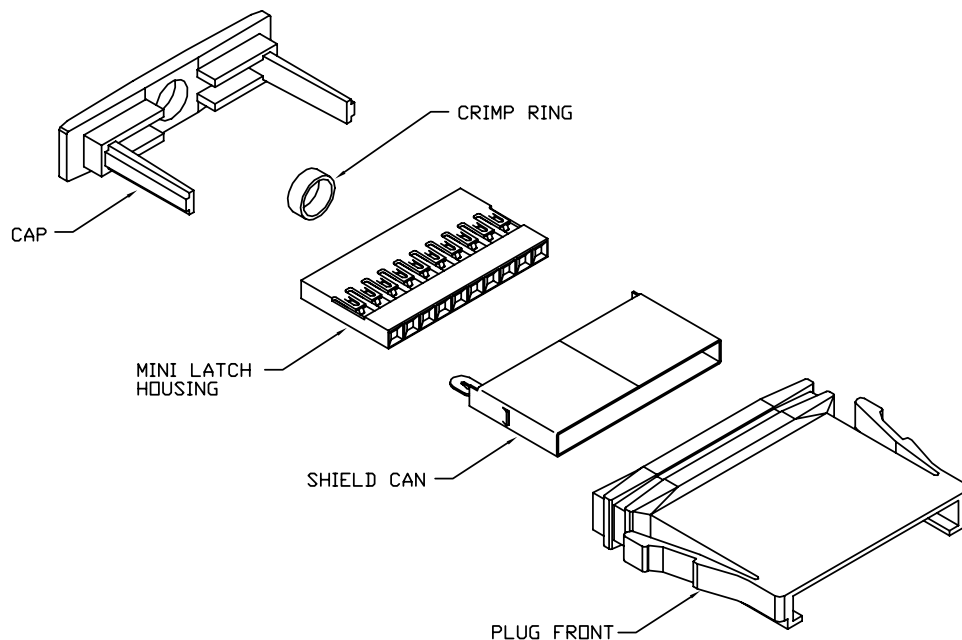
B

C

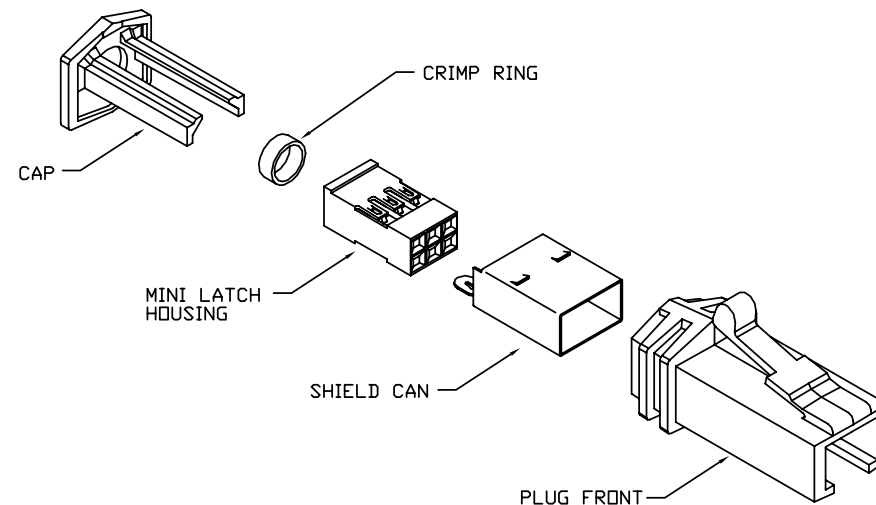
D



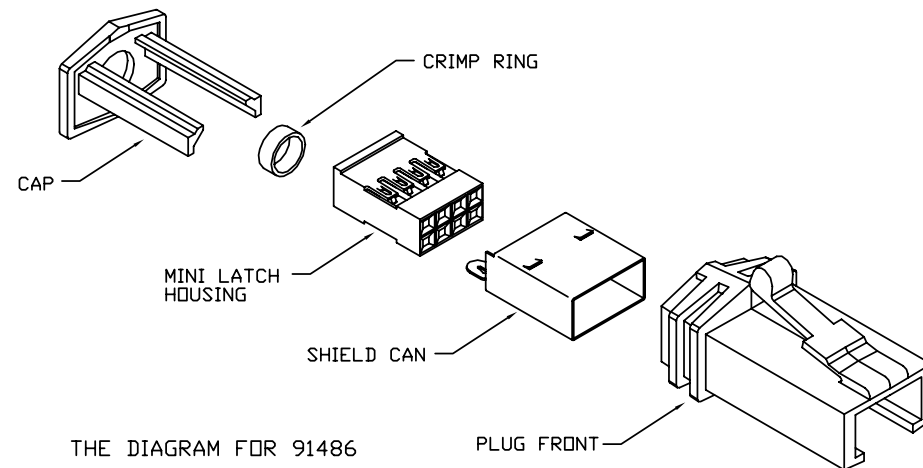
THE DIAGRAM FOR 91483



THE DIAGRAM FOR 91484



THE DIAGRAM FOR 91485



THE DIAGRAM FOR 91486

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection 		INCH/MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size	A4	Scale	1:1
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13				
Chr	M.SMYK	5/13/96	0"	±2"	0.XXXX/0.XXX	±0.0020/0.051	ECN	N10-0425		
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref			
			title LATCH-N-LOK CONNECTOR KIT				dwg no 91481		Rev. S	
catalog no						CUSTOMER COPY		sheet 4 of 5		

1

2

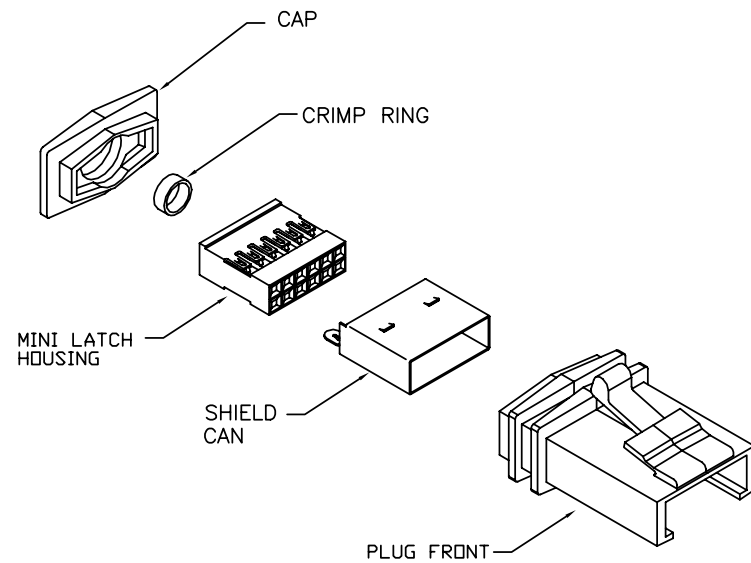
3PDM: Rev:S

STATUS:Released

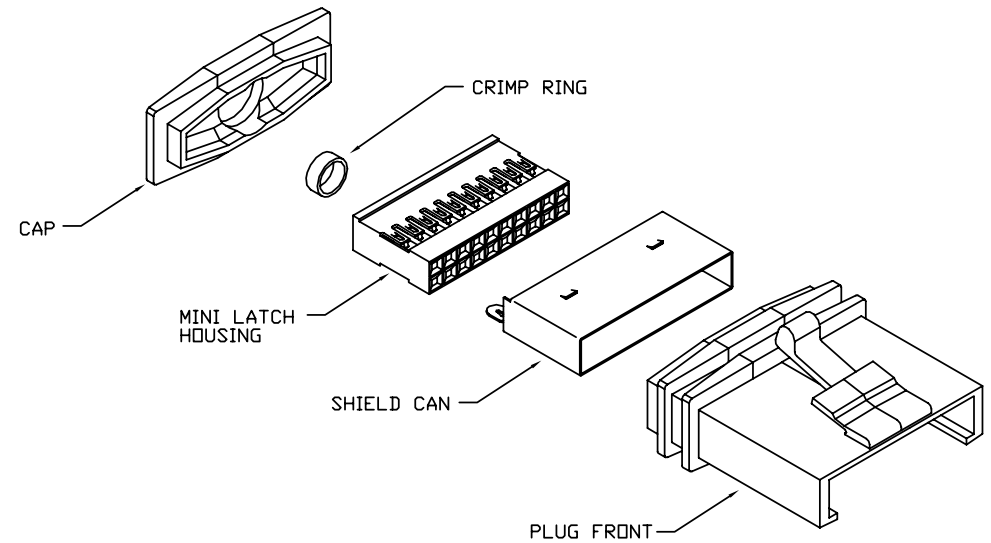
4Printed: Dec 16, 2010



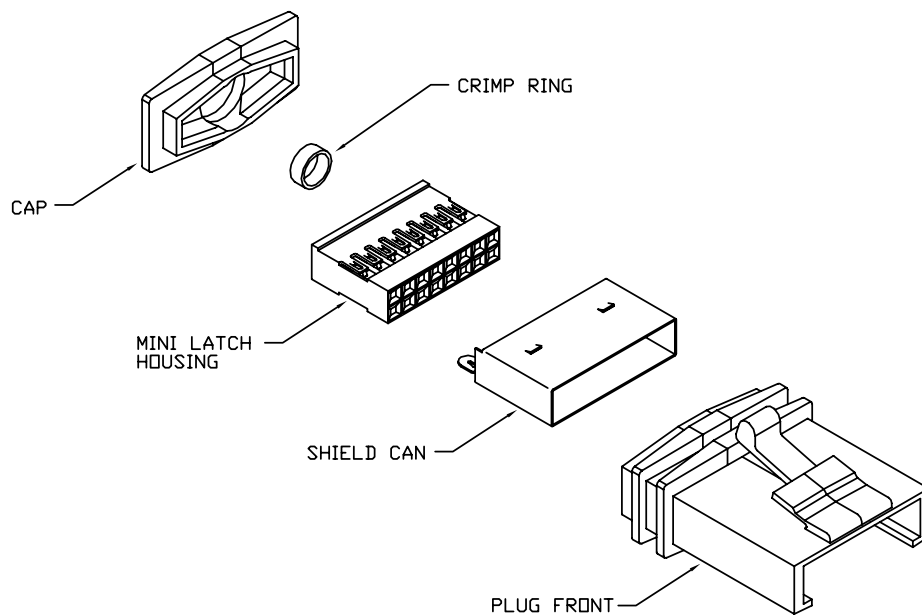
Copyright FCI.



THE DIAGRAM FOR 91487



THE DIAGRAM FOR 91489



THE DIAGRAM FOR 91488

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection 		INCH/MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	D.INGRAM	5/13/96	ANGULAR		LINEAR	0.XX/0.X	±0.01/0.3	size A4	Scale 1:1	
Eng	M.SMYK	5/13/96				0.XXX/0.XX	±0.005/0.13			
Chr	M.SMYK	5/13/96	0°	±2°	0.XXXX/0.XXX	±0.0020/0.051		ECN	N10-0425	
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref			
			title LATCH-N-LOK CONNECTOR KIT			dwg no 91481		Rev. S		
			catalog no			CUSTOMER COPY			sheet 5 of 5	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[91487-442](#) [91487-443](#) [91487-541LF](#) [91487-023LF](#) [91483-641LF](#) [91486-041LF](#) [91486-621LF](#) [91486-641LF](#)
[91487-441LF](#) [91488-422LF](#) [91487-021LF](#) [91487-071LF](#) [91487-141LF](#) [91487-241LF](#) [91488-141LF](#) [91488-471LF](#)
[91489-021LF](#) [91489-022LF](#) [91489-023LF](#) [91489-042LF](#) [91489-043LF](#) [91489-071LF](#) [91489-072LF](#) [91489-073LF](#)
[91489-121LF](#) [91489-122LF](#) [91489-123LF](#) [91489-141LF](#) [91489-142LF](#) [91489-143LF](#) [91489-171LF](#) [91489-172LF](#)
[91489-173LF](#) [91489-221LF](#) [91489-222LF](#) [91489-223LF](#) [91489-241LF](#) [91489-271LF](#) [91489-321LF](#) [91489-371LF](#)
[91489-471LF](#) [91489-571LF](#) [91488-241](#) [91486-521LF](#) [91486-541LF](#) [91486-542LF](#) [91487-041LF](#) [91488-241LF](#)
[91488-421LF](#) [91481-121LF](#) [91481-091LF](#) [91481-141LF](#) [91481-191LF](#) [91481-241LF](#) [91481-271LF](#) [91481-291LF](#)
[91481-321LF](#) [91481-341](#) [91481-371LF](#) [91481-391LF](#) [91481-471](#) [91481-491](#) [91481-571LF](#) [91481-591LF](#) [91481-](#)
[621LF](#) [91481-641LF](#) [91481-691LF](#) [91483-621LF](#) [91486-071LF](#) [91486-121LF](#) [91486-141LF](#) [91486-171LF](#) [91486-](#)
[241LF](#) [91486-271LF](#) [91486-321LF](#) [91486-323LF](#) [91486-341LF](#) [91486-342LF](#) [91486-343LF](#) [91486-371LF](#) [91486-](#)
[372LF](#) [91486-421LF](#) [91486-442LF](#) [91486-492LF](#) [91486-522LF](#) [91486-591LF](#) [91486-672LF](#) [91486-693LF](#) [91486-](#)
[741LF](#) [91486-791LF](#) [91487-042LF](#) [91487-043LF](#) [91487-072LF](#) [91487-073LF](#) [91487-091LF](#) [91487-122LF](#) [91487-](#)
[123LF](#) [91487-142LF](#) [91487-143LF](#) [91487-171LF](#)