

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

BOGIE NO 9/20/116

Bolster Make &amp; Built year

ORIENT 4/18Date 7/9/20

FRONT/REAR

Wagon no./M. no from bogie removed

97-3/3 1249833849

3. REF:- L.S.D. is fitted in left side &amp; S/frame No.-1 will be left side

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side &amp; S/frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO-1		S/Frame NO-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal jaw	278	285	283	293	284	283	-	R.OY	04/18/19
2	Pedestal side outer	105	101	104	105	105	105	-	-	-
3	Pedestal side inner	105	101	105	105	105	105	-	-	-
4	Pedestal crown side	152	144	151	152	151	151	-	-	-
5	Pedestal crown roof	318	323	318	319	319	319	-	-	-
6	column side	216	206	215	215	215	215	-	-	-
7	side frame friction liner	10	6	9	9	9	8	02CH.	-	W/ind 02CH.
8	pocket liner	5	2	1	2	9	3	-	-	-
9	vertical wear of Wedge block	0	7	2	1	2	3	-	-	-
10	slope wear of Wedge block	0	3	1	2	1.5	2	-	-	-
11	Adopter make	268	262	268	268	268	268	-	-	-
12	Adopter side	156	164	157	167	158	167	-	-	-
13	Adopter crown lug	38	40	38	38	38	38	-	-	-
14	Centre pivot bottom liner vertical	365	369	Pre 366	Final 366	A	-	-	-	-
15	Centre pivot Ring liner wear	123	119	-	-	-	-	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		-	-	-	-	-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-
<b>Nominal clearances PRE &amp; Final OF BOGIE</b>										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE- 17	16	18	16	Colour code of bolster springs		
				FINAL- 10	12	11	12			
				PRE- 26	25	25	25			
				FINAL- 26	25	25	25			
				PRE- 5	5	6	6			
				FINAL- 5	5	6	6			
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE- 25	24	26	25			
				FINAL- 25	24	26	25			
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE- 5	5	6	6			
				FINAL- 5	5	6	6			
4	Lateral clearance in between bolster & S/Frame	22	28	PRE- 25	24	26	25			
				FINAL- 25	24	26	25			
5	Side bearer clearance	0.5	2	PRE- -	-	-	-			
				FINAL- -	-	-	-			
6	CCSB Height under Tare	129.5	132.5	PRE- 131	131	130	130			
				FINAL- 131	131	130	130			
7	Bogie Trammeling	3018±4.5		OK	OK	OK	OK			
<b>Material consumption:-</b>										
1	W/Jaw adopter	14	14	Side bearer Nut&Bolt	-	-	-	27	Push rod	-
2	Bk. Beam wear plate	15	15	Side bearer seat	-	-	-	28	Bk. Beam bush	-
3	Wear plate	16	16	Retaining Bolt	-	-	-	29	Slide block	-
4	E/M Pad	17	17	Jaw liner 3 mm	-	-	-	30	Pin size 28*100 mm	-
5	Bk/block	18	18	Jaw liner 4 mm	-	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	19	19	C. Pivot Ring	-	-	-	32	bulb cotter	-
7	Bk/block key	20	20	C. Pivot bottom liner	-	-	-	33	S/F Key & N/BOLT	-
8	Bk. beam	21	21	Bolster spg. Outer	-	-	-	34		-
9	S/Bearer spg.	22	22	Bolster spg. Inner	-	-	-	35		-
10	Bolster liner	23	23	Bolster spg. Snubber	-	-	-	36		-
11	Friction liner	24	24	Push rod safety	-	-	-	37		-
12	W/Block	25	25	Y-Type F/Lever	-	-	-	38		-
13	CCSB ASSY	26	26	Equilizing lever	-	-	-	39		-

A= Green, B=Yellow, C=Gray, D=White, E= Sky blue

C/code of provided paired bolster springs

(A)

Sign of Sr. Tech

Kokosankar



BOGIE NO. 9/20/119

Bolster Make &amp; Built year ORIENT 4/18

Date 7/9/20

FRONT / NW

Wagon no./M. no. from bogie removed 97-3/3 6140/838229

Note: 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF. L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S. No. of S/Frame		S/Frame Make		Built (Month/Year)						
Side frame No. 1		SLOOY ORIENT		4/18						
Side frame No. 2		SLOO2		11						
S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	285	279	284	280	283	-	-	As old
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	105	-	-	-
4	Pedestal crown side	152	144	151	154	151	152	-	-	-
5	Pedestal crown roof	318	323	319	319	319	319	-	-	-
6	column side	216	206	215	215	216	216	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	old
8	pocket liner	5	2	1	2	1	3	-	-	old
9	vertical wear of Wedge block	0	7	1	2	1	3	-	-	-
10	slope wear of Wedge block	0	3	2	1.5	1.0	2.0	-	-	-
11	Adopter make			4EM	9EM	4EM	4EM	-	-	-
12	Adopter side	268	262	261	267	265	266	-	-	-
13	Adopter crown lug	156	164	157	156	157	158	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 39	Final 39			-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 367	Final 367			-	-	-
16	Bolster spg. Colour code		A,B,C,D,E,F					-	-	-
17	Side bearer spg. Height	123	119					-	-	-
Nominal clearances PRE & Final OF BOGIE										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE>	18	17	15	17		
				FINAL>	10	11	12	10		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE>	26	25	26	25		
				FINAL>	21	25	26	25		
2	Longitudinal clearance in between bolster & S/Frame	4	7	PRE>	4	5	5	6		
				FINAL>	4	5	5	5		
	Lateral clearance in between bolster & S/Frame	22	28	PRE>	24	25	25	25		
				FINAL>	24	25	25	25		
3	Side bearer clearance	0.5	2	PRE>	-	-	-	-		
				FINAL>	-	-	-	-		
	CCSB Height under Tare	129.5	132.5	PRE>	131	131	130	130		
				FINAL>	131	131	130	130		
Bogie Trammeling										
Material consumption:-										
1	W/Jaw adopter									
2	Bk Beam wear plate									
3	Wear plate									
4	E/M Pad									
5	Bk/block									
6	10*100 mm S/Pin									
7	Bk/block key									
8	Bk beam									
9	S/Bearer spg.									
10	Bolster liner									
11	Friction liner									
12	W/Block									
13	CCSB ASSY									
14	Side bearer Nut & Bolt									
15	Side bearer seat									
16	Retaining Bolt									
17	Jaw liner 3 mm									
18	Jaw liner 4 mm									
19	C. Pivot Ring									
20	C. Pivot bottom liner									
21	Bolster spg. Outer									
22	Bolster spg. Inner									
23	Bolster spg. Snubber									
24	Push rod safety									
25	y-Type F/ Lever									
26	Eqilizing lever									
27	Push rod									
28	BK Beam bush									
29	Slide block									
30	Pin size 28*100 mm									
31	Pin size 40*118 mm									
32	bulb cotter									
33	S/F Key & N/BOLT									
34										
35										
36										
37										
38										
39										

A= Green, B= Yellow, C= Gray, D= White, E= Sky blue

C/code of provided paired bolster springs

A

Signature of Sr. Tech

R. Keen Kumar



## WAGON CARE CENTRE TUGHLAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO. 9/20/112

Bolster Make &amp; Built year: SIMPLEX 4/18

Date: 7/19/20

FRONT/RA

Wagon no./M. no. from bogie removed: 97-3/3 61401838912

Note: 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF. L.S.D. is fitted in left side &amp; S/Frame No. 1 will be left side

S. No. of S/Frame	S/Frame Make	Built (Month/Year)
Side frame No. 1	SL 17022	SIMPLEX 4/18
Side frame No. 2	SL 16943	" "

S.N.	Description of Checks	New size	Condemn size	S/Frame NO. 1	S/Frame NO. 2	Changed=C	Repaired=R	Rem.
1	Pedestal jaw	278	286	Left 283 Right 284	Left 284 Right 283	-	R-04	04
2	Pedestal side outer	105	101	Left 104 Right 105	Left 105 Right 105	-	-	-
3	Pedestal side inner	105	101	Left 105 Right 104	Left 105 Right 105	-	-	-
4	Pedestal crown side	152	144	Left 150 Right 151	Left 151 Right 152	-	-	-
5	Pedestal crown roof	318	323	Left 319 Right 319	Left 318 Right 319	-	-	-
6	column side	216	206	Left 215 Right 215	Left 216 Right 216	-	-	-
7	side frame friction liner	10	6	Left 9 Right 8	Left 8.5 Right 9	-	-	-
8	pocket liner	5	2	Left 2 Right 3	Left 1 Right 2	03 CH.	-	03 CH.
9	vertical wear of Wedge block	0	7	Left 2 Right 4	Left 2 Right 3	-	-	-
10	slope wear of Wedge block	0	3	Left 1 Right 2	Left 1.5 Right 2	-	-	-
11	Adopter make			Left 9EM Right 9EM	Left 9EM Right 9EM	-	-	-
12	Adopter side	268	262	Left 267 Right 265	Left 266 Right 265	-	-	-
13	Adopter crown lug	156	164	Left 157 Right 156	Left 157 Right 157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 38 Final 38	Pre 38 Final 38	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 367 Final 367	Pre 367 Final 367	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		Left A Right A	Left A Right A	-	-	-
17	Side bearer spg. Height	123	119	Left - Right -	Left - Right -	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

		PRE:-	16	19	18	18	Colour code of bolster springs
		FINAL:-	12	11	10	13	
		PRE:-	26	26	25	25	
		FINAL:-	26	26	25	25	A = Green, B = Yellow, C = Gray, D = White, J = blue
		PRE:-	5	5	4	4	
		FINAL:-	5	5	4	4	
		PRE:-	24	24	26	26	
		FINAL:-	24	24	26	26	C/code of provided paired bolster springs
		PRE:-	-	-	-	-	(A)
		FINAL:-	152	152	151	151	
		PRE:-	132	132	131	131	
		FINAL:-	132	132	131	131	

## Material consumption

S	Description	W/low	W/high	W/low	W/high	W/low	W/high	W/low	W/high
1	W/jaw adopter								
2	Bx Beam wear plate								
3	Wear plate								
4	E/M Pad								
5	Bx/block								
6	10*150 mm S/Pin								
7	Bx/block key								
8	Bx Beam								
9	S/Bearer spg.								
10	Bolster liner								
11	Friction liner								
12	W/Block								
13	CCSB ASSY								

Signature of JE/SSE

Signature of Sr. Tech

Signature of Sr. Tech



## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

BOGIE NO 9/20/120 Bolster Make & Built year STMPLEX 4/18 Date 7/9/20

WAGON/REAR ST-3/3 Wagon no./M. no. from bogie removed 61401832829

Note:- 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF:- L.S.D. is fitted in left side & S/Frame No.-1 will be left side

S.N.	Description of Checks	S. No. of S/Frame	S/Frame Make	Built (Month/Year)	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
					left	Right	left	Right			
1	Pedestal Jaw				283	279	278	284	-	-	R-02 or end
2	Pedestal side outer				104	105	105	105	-	-	-
3	Pedestal side inner				105	104	105	105	-	-	-
4	Pedestal crown side				151	152	151	150	-	-	-
5	Pedestal crown roof				318	319	319	319	-	-	-
6	column side				215	215	216	216	-	-	-
7	side frame friction liner				93	93	94	8.5	-	-	W/out oich.
8	pocket liner				3	3	2	3	-	-	-
9	vertical wear of Wedge block				0	7	2	3	-	-	-
10	slope wear of Wedge block				0	3	1.5	2	-	-	-
11	Adopter make						4EM	4EM	-	-	-
12	Adopter side				268		267	267	-	-	-
13	Adopter crown lug				156		156	157	-	-	-
14	Centre pivot bottom liner vertical				38		157	158	-	-	-
15	Centre pivot Ring liner wear				365		Pre 39 Final 39	39	-	-	-
16	Bolster spg. Colour code				A,B,C,D,E,F		Pre 367 Final 367	A	-	-	-
17	Side bearer spg. Height				123				-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

Nominal clearances PRE & Final OF BOGIE				Colour code of bolster springs:-					
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	16	13	13	18	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue
				FINAL:-	12	11	10	12	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	26	25	25	
				FINAL:-	26	26	25	25	
				PRE:-	4	4	6	6	
				FINAL:-	4	4	6	6	
2	Longitudinal clearance in between bolster & S/Frame	22	28	PRE:-	25	26	26	27	C/code of provided paired bolster springs
				FINAL:-	25	26	26	27	
				PRE:-	25	26	26	27	
				FINAL:-	25	26	26	27	
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-	A
				FINAL:-	-	-	-	-	
				PRE:-	130	130	131	131	
				FINAL:-	130	130	131	131	
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	131	131	
				FINAL:-	130	130	131	131	
				PRE:-	130	130	131	131	
				FINAL:-	130	130	131	131	



## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

BOGIE NO- 9/20/118Bolster Make& Built year Simplex 4/18Date 7/9/20

FRONT/REAR

Wagon no./M. no. from bogie removed 97-3/3 6240/833854

3. REF:- L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S. No. of S/Frame		S/Frame Make		Built (Month/Year)							
Side frameNo-1		SIMPLEX		4/18							
Side frameNo-2		SL17008		"							
S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks	
				left	Right	left	Right				
1	Pedestal jaw	278	286	283	283	284	284	-	R-04	04 24/18	
2	Pedestal side outer	105	101	105	104	105	105	-	-	-	
3	Pedestal side inner	105	101	104	105	104	105	-	-	-	
4	Pedestal crown side	152	144	151	152	151	152	-	-	-	
5	Pedestal crown roof	318	323	318	319	319	318	-	-	-	
6	column side	216	206	215	215	215	215	-	-	-	
7	side frame friction liner	10	6	8	8.5	8	8.5	-	-	-	
8	pocket liner	5	2	4	4	4	4	-	-	-	
9	vertical wear of Wedge block	0	7	2	3	1	1.5	-	-	-	
10	slope wear of Wedge block	0	3	1	2	1	1.5	-	-	-	
11	Adopter make			EA	EA	9EN	9EN	-	-	-	
12	Adopter side	268	262	268	267	265	266	-	-	-	
13	Adopter crown lug	156	164	157	156	157	158	-	-	-	
14	Centre pivot bottom liner vertical	38	40	Pre: 39	Final: 39	39		-	-	-	
15	Centre pivot Ring liner wear	365	369	Pre: 366	Final: 366	A		-	-	-	
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A		-	-	-	
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-	
Nominal clearances PRE & Final OF BOGIE											
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	17	16	19	18	Colour code of bolster springs:-		
				FINAL:-	12	11	10	12			
				PRE:-	26	25	26	25			
				FINAL:-	26	25	26	25			
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	6	6	A = Green, B = Yellow, C = Gray, D = White, E = Sky blue		
				FINAL:-	5	5	6	6			
				PRE:-	24	24	26	26			
				FINAL:-	24	24	26	26			
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	-	-	-	-	C/code of provided paired bolster springs:-	(A)	
				FINAL:-	-	-	-	-			
				PRE:-	131	131	130	130			
				FINAL:-	131	131	130	130			
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-			
				FINAL:-	-	-	-	-			
				PRE:-	131	131	130	130			
				FINAL:-	131	131	130	130			
4	CCSB Height under Tare	129.5	132.5	PRE:-	131	131	130	130			
				FINAL:-	131	131	130	130			
				PRE:-	131	131	130	130			
				FINAL:-	131	131	130	130			
5	Bogie Trammeling	3018+4.5		14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
				15	Side bearer seat	-	-	28	Bk. Beam bush	-	-
				16	Retaining Bolt	-	-	29	Slide block	-	-
				17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-	-
				18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-	-
				19	C. Pivot Ring	-	-	32	bulb cotter	-	-
				20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	-	-
				21	Bolster spg. Outer	-	-	34		-	-
				22	Bolster spg. Inner	-	-	35		-	-
				23	Bolster spg. Snubber	-	-	36		-	-
				24	Push rod safety	-	-	37		-	-
				25	V-Type F/ Lever	-	-	38		-	-
				26	Eqilizing lever	-	-	39		-	-
				Material consumption:-							
1	W/Jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	W/plate	02 ch. 15	Side bearer seat	-	-	28	Bk. Beam bush	-	-	
3	Wear plate	W/plate	02 ch. 16	Retaining Bolt	-	-	29	Slide block	-	-	
4	E/M Pad	W/plate	04 ch. 17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-	-	
5	Bk/block	-	-	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-	-	
6	10*100 mm S/Pin	-	-	C. Pivot Ring	-	-	32	bulb cotter	-	-	
7	Bk/block key	-	-	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	-	-	
8	Bk. beam	-	-	Bolster spg. Outer	-	-	34		-	-	
9	S/Bearer spg.	-	-	Bolster spg. Inner	-	-	35		-	-	
10	Bolster liner	-	-	Bolster spg. Snubber	-	-	36		-	-	
11	Friction liner	-	-	Push rod safety	-	-	37		-	-	
12	W/Block	-	-	V-Type F/ Lever	-	-	38		-	-	
13	CCSB ASSY	-	-	Eqilizing lever	-	-	39		-	-	

Deviashankar

A= Green, B= Yellow, C= Gray, D= White, E= Sky blue

C/code of provided paired bolster springs:

(A)



BOGIE NO 9/20/112Bolster Make & Built Year SIMPLEX 4/18Date 7/9/20FRONT/REAR REARWagon no./M. no. from bogie removed WT-3/3 61401832212

Note: 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF. L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	283	289	289	283	-	R-04	04/18
2	Pedestal side outer	105	101	104	105	105	105	-	-	-
3	Pedestal side inner	105	101	105	105	105	105	-	-	-
4	Pedestal crown side	152	144	150	151	151	157	-	-	-
5	Pedestal crown roof	318	323	319	319	318	319	-	-	-
6	column side	216	206	215	215	216	216	-	-	-
7	side frame friction liner	10	6	2	2	2	2	-	-	-
8	pocket liner	5	2	2	2	2	2	-	-	-
9	vertical wear of Wedge block	0	7	2	4	2	3	-	-	-
10	slope wear of Wedge block	0	3	1	2	1.5	2	-	-	-
11	Adopter make			GREEN	GREEN	GREEN	GREEN	-	-	-
12	Adopter side	268	262	267	265	266	265	-	-	-
13	Adopter crown lug	156	164	157	156	157	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 38	Final 38	Pre 38	Final 38	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 367	Final 367	Pre 367	Final 367	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	A	-	-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-
<b>Nominal clearances PRE &amp; Final OF BOGIE</b>										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:- 16	19	18	18	Colour code of bolster springs:-		
				FINAL:- 12	11	10	13			
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:- 26	26	25	25			
				FINAL:- 26	26	25	25			
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:- 5	5	4	4			
				FINAL:- 5	5	4	4			
	Lateral clearance in between bolster & S/Frame	22	28	PRE:- 24	24	26	26			
				FINAL:- 24	24	26	26			
2	Side bearer clearance	0.5	2	PRE:- -	-	-	-			
				FINAL:- 15.8	15.8	15.1	15.1			
4	CCSB Height under Tare	129.5	132.5	PRE:- 132	132	131	131			
5	Bogie Trammeling		3018±4.5	OK	OK	OK	OK			
<b>Material consumption:-</b>										
1	W/Jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	W/old	01/Ch.	15	Side bearer seat	-	-	28	Bk. Beam bush	-
3	Wear plate	-	03/Ch.	16	Retaining Bolt	-	-	29	Slide block	-
4	F/M Pad	W/old	04/Ch.	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-
5	Bk/block	-	-	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	-	-	19	C. Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	-
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		-
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		-
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		-
11	Friction liner	-	-	24	Push rod safety	-	-	37		-
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38		-
13	CCSB ASSY	-	-	26	Equalizing lever	-	-	39		-

C/code of provided paired bolster springs:

(A)

A= Green, B=Yellow, C=Gray, D=White, F=Sky blue

Sign of JE/SSE

Sign of Sr. Tech



BOGIE NO. <u>9/20/113</u>	Bolster Make & Built year <u>SIMPLEX 4/18</u>	Date <u>7/9/20</u>
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FRONT/REAR	Wagon no./M. no. from bogie removed	97-3/3 6240/833830
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Note:- 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF:- L.S.D. is fitted in left side & S/Frame No.-1 will be left side

		S. No. of S/ Frame	S/Frame Make	Built (Month/Year)						
Side frameNo.-1		SL17025	SIMPLEX	4/18						
Side frameNo.-2		SL 16986	"	"						
S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	284	280	284	283	-	R-03	03 inch
2	Pedestal side outer	105	101	104	105	104	104	-	-	-
3	Pedestal side inner	105	101	105	104	105	105	-	-	-
4	Pedestal crown side	152	144	151	152	151	152	-	-	-
5	Pedestal crown roof	318	323	319	319	319	318	-	-	-
6	column side	216	206	215	215	215	215	-	-	-
7	side frame friction liner	10	6	8	8.5	9	9	03 Ch.	-	w/out 30
8	pocket liner	5	2	2	3	1	2	-	-	-
9	vertical wear of Wedge block	0	7	2	1	2	3	-	-	-
10	slope wear of Wedge block	0	3	1	2	1	2	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	266	264	265	260	01 Ch.	-	w/out 01 g
13	Adopter crown lug	156	164	157	158	157	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 38 Final 38				-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 366 Final 366				-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A		-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

Nominal clearances PRE & Final OF BOGIE									
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	18	16	19	23	Colour code of bolster springs:-
				FINAL:-	13	10	12	11	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26	A= Green,B=Yellow,C=Gray,D=White,E= Sky blue
				FINAL:-	25	26	25	26	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	4	4	
				FINAL:-	5	5	4	4	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	22	24	24	C/code of provided paired bolster springs
				FINAL:-	22	22	24	24	
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-	(A)
				FINAL:-	-	-	-	-	
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	131	131	
				FINAL:-	130	130	131	131	
5	Bogie Trammeling			3018±4.5	ok   ok				

Material consumption:-											
1	W/Jaw adopter	W/out	01 ch.	14	Side bearer Nut&Bolt	✓	✓	27	Push rod	✓	✓
2	Bk. Beam wear plate	"	01 ch.	15	Side bearer seat	W/out	01 ch.	28	BK. Beam bush	✓	✓
3	Wear plate	"	03 ch.	16	Retaining Bolt	W/out	01 ch.	29	Slide block	✓	✓
4	E/M Pad	W/out	04 ch.	17	Jaw liner 3 mm	✓	✓	30	Pin size 28*100 mm	✓	✓
5	Bk/block	"	"	18	Jaw liner 4 mm	✓	✓	31	Pin size 40*118 mm	✓	✓
6	10*100 mm S/Pin	"	"	19	C. Pivot Ring	✓	✓	32	bulb cotter	W/out	04 ch.
7	Bk/block key	✓	✓	20	C. Pivot bottom liner	✓	✓	33	S/F Key &N/BOLT	W/out	04 ch.
8	Bk. beam	✓	✓	21	Bolster spg. Outer	✓	✓	34	F/L BUSH	W/out	01 ch.
9	S/Bearer spg.	✓	✓	22	Bolster spg. Inner	✓	✓	35			
10	Bolster liner	✓	✓	23	Bolster spg. Snubber	✓	✓	36			
11	Friction liner	✓	✓	24	Push rod safety	✓	✓	37			
12	W/Block	✓	✓	25	y-Type F/ Lever	✓	✓	38			
13	CCSB ASSY	✓	✓	26	Eqilizing lever	✓	✓	39			

*Rakosh Kumar*  
Sign of Sr. Tech



## WAGON CARE CENTRE TUGHLAKABAD

Ver-02

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

BOGIE NO. 9/20/117

Bolster Make &amp; Built year

Simplex 4/18Date 7/9/20

FRONT/ROH

Wagon no./M. no. from bogie removed

97-3/13 6240/8333854

Note: 1. All Dimensions are in M.M.

2. All times must be entered

3. REF: L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	278	284	280	283	-	R-02	ok good
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	105	-	-	-
4	Pedestal crown side	152	144	151	152	151	150	-	-	-
5	Pedestal crown roof	318	323	319	318	319	319	-	-	-
6	column side	216	206	216	216	216	216	-	-	-
7	side frame friction liner	10	6	9	8	9	9.5	04ch.	-	w/old 04ch.
8	pocket liner	5	2	1	1	2	2	-	-	-
9	vertical wear of Wedge block	0	7	2	1	3	2	-	-	-
10	slope wear of Wedge block	0	3	1	1.5	2	2	-	-	-
11	Adopter make	268	262	GEM 266	GEM 265	GEM 264	GEM 267	-	-	-
12	Adopter side	156	164	156	157	158	157	-	-	-
13	Adopter crown lug	38	40	Pre 38	Final 38	Pre 38	Final 38	-	-	-
14	Centre pivot bottom liner vertical	365	369	Pre 366	Final 366	A	A	-	-	-
15	Centre pivot Ring liner wear	123	119	-	-	-	-	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F						-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-
Nominal clearances PRE & Final OF BOGIE										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE: 18	19	16	16	16	10	Colour code of bolster springs:
	Lateral clearance in between Adopter & S/Frame	25	28	PRE: 26	25	26	25	25	25	A = Green, B = Yellow, C = Gray, D = White, E = Sky blue
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE: 5	5	6	6	6	6	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE: 24	24	26	26	26	26	
3	Side bearer clearance	0.5	2	PRE: -	-	-	-	-	-	
				FINAL: 131	131	131	131	131	131	
4	CCSB Height under Tare	129.5	132.5	FINAL: 131	131	131	131	131	131	
5	Bogie Trammelling		3018±4.5	OK	OK	OK	OK	OK	OK	
Material consumption:-										
1	W/Jaw adopter	14	14	Side bearer Nut&Bolt	-	-	-	27	Push rod	-
2	Bk. Beam wear plate	15	15	Side bearer seat	-	-	-	28	Bk. Beam bush	-
3	Wear plate	16	16	Retaining Bolt	-	-	-	29	Slide block	-
4	E/M Pad	17	17	Jaw liner 3 mm	-	-	-	30	Pin size 28*100 mm	-
5	BK/block	18	18	Jaw liner 4 mm	-	-	-	31	Pin size 40*118 mm	-
6	10*100 rim S/Pin	19	19	C. Pivot Ring	-	-	-	32	bulb cotter	-
7	BK/block key	20	20	C. Pivot bottom liner	-	-	-	33	S/F Key & N/BOLT	-
8	Bk. beam	21	21	Bolster spg. Outer	-	-	-	34		-
9	S/Bearer spg.	22	22	Bolster spg. Inner	-	-	-	35		-
10	Bolster liner	23	23	Bolster spg. Snubber	-	-	-	36		-
11	Friction liner	24	24	Push rod safety	-	-	-	37		-
12	W/Block	25	25	y-Type F/ Lever	-	-	-	38		-
13	CCSB ASSY	26	26	Equilizing lever	-	-	-	39		-

C/code of provided paired bolster springs:

(A)

SIGNED BY JE/SSE

SIGNED BY Sr Tech



## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Date: 7/9/20

BOGIE NO 9/20/114

Bolster Make & Built year  
Wagon no./M. no. from bogie removedSIMPLEX 4/19  
57-3/3 6240/8333830Wagon no./M. no. from bogie removed  
57-3/3 6240/8333830

Note: 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF. L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
Side frame No.-1										
Side frame No.-2										
1	Pedestal jaw	278	286	284	283	284	283	-	R-04	04 JAW
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	105	-	-	-
4	Pedestal crown side	152	144	151	150	151	151	-	-	-
5	Pedestal crown roof	318	323	318	319	320	319	-	-	-
6	column side	216	206	215	215	216	216	-	-	-
7	side frame friction liner	10	6	8	8.5	9	9	02CH.	-	W/OUT 02CH.
8	pocket liner	5	2	4	3	3	2	-	-	-
9	vertical wear of Wedge block	0	7	2	4	3	2	-	-	-
10	slope wear of Wedge block	0	3	2	4	3	2	-	-	-
11	Adopter make	268	262	EA 267	EA 266	EA 265	EA 266	-	-	-
12	Adopter side	156	164	157	157	157	158	-	-	-
13	Adopter crown lug	38	40	Pre 38	Final 38	Pre 38	Final 38	-	-	-
14	Centre pivot bottom liner	38	40	Pre 317	Final 367	Pre 317	Final 367	-	-	-
15	Centre pivot Ring liner	365	369	Pre 317	Final 367	Pre 317	Final 367	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	A	A	-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-
Nominal clearances PRE & Final OF BOGIE										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:- 17	FINAL:- 17	19	17	-	-	-
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:- 26	FINAL:- 26	25	25	-	-	-
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:- 4	FINAL:- 4	5	5	-	-	-
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:- 26	FINAL:- 26	24	24	-	-	-
5	Side bearer clearance	0.5	2	PRE:-	FINAL:-	-	-	-	-	-
6	CCSB Height under Tare	129.5	132.5	PRE:- 131	FINAL:- 131	132	132	-	-	-
7	Bogie Trammeling	30184.5		OK	OK	OK	OK	-	-	-
8	Material consumption:-									
9	W/Jaw adopter	W/OUT 02CH.	14	Side bearer Nut&Bolt	-	-	-	27	Push rod	-
10	Bk. Beam wear plate	W/OUT 02CH.	15	Side bearer seat	-	-	-	28	Bk. Beam bush	-
11	Wear plate	W/OUT 02CH.	16	Retaining Bolt	-	-	-	29	Slide block	-
12	E/M Pad	W/OUT 04CH.	17	Jaw liner 3 mm	-	-	-	30	Pin size 28*100 mm	-
13	Bk/block	W/OUT 04CH.	18	Jaw liner 4 mm	-	-	-	31	Pin size 40*118 mm	-
14	10*100 mm S/Pin	W/OUT 04CH.	19	C. Pivot Ring	-	-	-	32	bulb cotter	-
15	Bk/block key	W/OUT 04CH.	20	C. Pivot bottom liner	-	-	-	33	S/F Key & N/BOLT	-
16	Bk/block key	W/OUT 04CH.	21	Bolster spg. Outer	-	-	-	34		-
17	Bk. beam	W/OUT 04CH.	22	Bolster spg. Inner	-	-	-	35		-
18	S/Bearer spg.	W/OUT 04CH.	23	Bolster spg. Snubber	-	-	-	36		-
19	Bolster liner	W/OUT 04CH.	24	Push rod safety	-	-	-	37		-
20	Friction liner	W/OUT 04CH.	25	Y-Type F/Lever	-	-	-	38		-
21	W/Block	W/OUT 04CH.	26	Equilizing lever	-	-	-	39		-
22	CCSB ASSY	W/OUT 04CH.	26		-	-	-			-

A= Green, B=Yellow, C=Gray, D=White, E=Sky blue

C/code of provided paired bolster springs

(4)

Sign of Sr Tech

Sign of Sr Tech



## WAGON CARE CENTRE TUGHLAKABAD

Ver-02

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

BOGIE NO 9/20/115Bolster Make & Built year ORIENT 4/18Date 7/9/20

FRONT/REAR

Wagon no./M. no. from bogie removed 97-3/3 6246/833842

Note:- 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF: L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S. No. of S/Frame	S/Frame Make	Built (Month/Year)
Side frame No-1	<u>SL0013</u>	<u>ORIENT 4/18</u>
Side frame No-2	<u>SL001</u>	<u>"</u>

S.N.	Description of Checks	New size	Condemn size	S/Frame NO-1	S/Frame NO-2	Changed=C	Repaired=R	Remarks
1	Pedestal Jaw	278	286	Left 279 Right 278	Left 284 Right 283	-	-	R-02 o2ch
2	Pedestal side outer	105	101	104	104	-	-	-
3	Pedestal side inner	105	101	105	105	-	-	-
4	Pedestal crown side	152	144	151	151	-	-	-
5	Pedestal crown roof	318	323	319	318	-	-	-
6	column side	216	206	215	216	-	-	-
7	side frame friction liner	10	6	9	8.5	-	-	-
8	pocket liner	5	2	4	3	o2ch	-	w/ouf o2ch
9	vertical wear of Wedge block	0	7	2	2	-	-	-
10	slope wear of Wedge block	0	3	1	1.5	-	-	-
11	Adopter make			EA	EA	-	-	-
12	Adopter side	268	262	268	265	-	-	-
13	Adopter crown lug	156	164	157	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 39 Final 39	39	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 366 Final 366	A	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE	13	11	19	17	Colour code of bolster springs
				FINAL	12	10	11	13	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE	26	25	26	25	A=Green,B=Yellow,C=Gray,D=White,F=Sky blue
				FINAL	26	25	26	25	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE	4	5	4	5	
				FINAL	4	5	4	5	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE	24	25	26	26	
				FINAL	24	25	26	26	
3	Side bearer clearance	0.5	2	PRE	-	-	-	-	
				FINAL	-	-	-	-	
4	CCSB Height under Tare	129.5	132.5	PRE	131	131	132	132	
				FINAL	131	131	132	132	
5	Bogie Trammeling		30184.5		OK	OK	OK	OK	

C/code of provided paired bolster springs:-

(A)

Material consumption:-	1	14	27
1 W/Jaw adopter	W/ouf	o2ch	28
2 Bk. Beam wear plate	W/ouf	o2ch	29
3 Wear plate	W/ouf	o2ch	30
4 E/M Pad	W/ouf	o2ch	31
5 Bk/block	"	"	32
6 10*100 mm S/Pin	"	"	33
7 Bk/block key	"	"	34
8 Bk. beam	"	"	35
9 S/Bearer spg.	"	"	36
10 Bolster liner	"	"	37
11 Friction liner	"	"	38
12 W/Block	"	"	39
13 CCSB ASSY	"	"	

Sign of JE/SSE

Sign of Sr. Tech