

ROH- 16/11/19 Founded on T-27/5 WAGON No. 61251238925 Date 9/20/81  
 Ref- N.I. 8/23

WAGON CARE CENTRE TUGHAKABAD			
PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE			
Ver-02			
BOGIE NO. 9/20/81	Bolster Make & Built year..... <b>TEXMACO 3/07</b>	Date..... <b>8/20/20</b>	
FRONT/REAR.....	Wagon no./M. no. from bogie removed..... <b>1114/5 6125031014/</b>		

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	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	293	283	284	283	-	R-04	04 ch.
2	Pedestal side outer	105	101	105	104	104	105	-	-	-
3	Pedestal side inner	105	101	105	105	105	105	-	-	-
4	Pedestal crown side	152	144	151	150	151	150	-	-	-
5	Pedestal crown roof	318	323	319	318	319	319	-	-	-
6	column side	216	206	215	214	215	215	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	-
8	pocket liner	5	2	2	2	1.5	2	04 ch.	-	04 ch.
9	vertical wear of Wedge block	0	7	2	1	1	1	04 ch.	-	04 ch.
10	slope wear of Wedge block	0	3	1	1	1	1	-	CH. Due to Modification	-
11	Adopter make			SEM	SEM	SEM	SEM	-	-	-
12	Adopter side	268	262	264	264	266	266	-	-	-
13	Adopter crown lug	156	164	156	156	157	156	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre. 39	Final. 39	Pre. 39	Final. 39	01 ch.	BKN	46 ch. 01 ch.
15	Centre pivot Ring liner wear	365	369	Pre. 366	Final. 366	Pre. 366	Final. 366	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	A	A	-	-	-
17	Side bearer spg. Height	123	119	122	121	122	122	-	-	-

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	19	19	18	17	Colour code of bolster springs.	
				FINAL:-	11	12	12	12		
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	26	25	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue	
				FINAL:-	25	25	25	25		
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	4	4	C/code of provided paired bolster springs:-	
				FINAL:-	5	4	4	4		
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22	(A)	
				FINAL:-	23	22	23	22		
5	Side bearer clearance	0.5	2	PRE:-	1	2	1	1		
				FINAL:-	-	-	-	-		
6	CCSB Height under Tare	129.5	132.5	PRE:-	130	131	130	131		
7	Bogie Trammeling			3018±4.5	ok	1	ok			

Material consumption:-

1	W/jaw adopter	W/14/4	14	Side bearer Nut&Bolt	—	27	Push rod	—	
2	Bk. Beam wear plate	W/14/4	03 ch.	Side bearer seat	—	28	BK. Beam bush	—	
3	Wear plate	"	04 ch.	Retaining Bolt	W/14/4	01 ch.	29	Side block	
4	E/M Pad	W/14/4	16	Jaw liner 3 mm	80/14/4	09	30	Pin size 28*100 mm	W/14/4
5	Bk/block	"	04 ch.	Jaw liner 4 mm	—	31	Pin size 40*118 mm	"	01 ch.
6	10*100 mm S/Pin	"	04 ch.	C Pivot Ring	—	32	bulb cotter	"	02 ch.
7	Bk/block key	"	04 ch.	C Pivot bottom liner	W/14/4	01 ch.	33	S/E Key BN/BOLT	W/OUT 04 ch.
8	Bk. beam	—	20	Bolster spg. Outer	W/14/4	01 ch.	34	Spig. set.	pro. 02
9	S/Bearer spg	—	21	Bolster spg. Inner	—	35			
10	Bolster liner	—	22	Bolster spg. Snubber	—	36			
11	Friction liner	—	23	Push rod safety	—	37			
12	W/Block	—	24	Y-Type F/ Lever	—	38			
13	CCSB ASSY	11	02	Equalizing lever	—	39			

Signature of JE/SSE

Signature of Sr. Tech

8/9/20

WAGON CARE CENTRE TUGHLAKABAD

PRE ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

Bolster Make & Built year HEI 1/03

Date.. 8/9/20

Wagon no./M. no. from bogie removed

H-14/5 61250.310.141

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	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	278	284	283	-	R-03	03 ch.
2	Pedestal side outer	105	101	104	105	105	105	-	-	-
3	Pedestal side inner	105	101	105	104	104	105	-	-	-
4	Pedestal crown side	152	144	151	152	151	152	-	-	-
5	Pedestal crown roof	318	323	319	318	319	317	-	-	-
6	column side	216	206	215	215	216	215	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	46000 ch.
8	pocket liner	5	2	3	2	1	2	03 ch.	-	46000 ch.
9	vertical wear of Wedge block	0	7	2	1	2	1	04 ch.	CH. Due to Modification	
10	slope wear of Wedge block	0	3					-	-	-
11	Adopter make			GEM	GEM	GEM	GEM	-	-	-
12	Adopter side	268	262	267	268	265	264	-	-	-
13	Adopter crown lug	156	164	157	158	156	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre.. 39	Final..... 39			-	-	-
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	121	122	121	122	-	-	-

Nominal clearances PRE & Final OF BOGIE

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

Material consumption:-

1	W/Jaw adopter	W/out	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	01 ch	01 ch	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	"	3 ch	16	Retaining Bolt	-	-	29	Slide block	-
4	E/M Pad	W/out	04 ch	17	Jaw liner 3 mm	8 ch	03	30	Pin size 28*100 mm	-
5	Bk/block	"	04 ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pln	"	04 ch	19	C. Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/out
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	Spy. set.	04 ch
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	Py. 02	-	35	box.	02
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	Provided	04	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	"	02	26	Eqilizing lever	-	-	39		

Sign of JE/SSE

Raksh Kumar  
Sign of Sr. Tech

MR. NO. J-27/5 WAGON NO. 62251258388 Bogie NO. 9/20/83

## WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

0/83	Bolster Make & Built year <u>TEXMAG 7/07</u>	Date <u>8/9/20</u>
	Wagon no /M. no. from bogie removed <u>11-14/5 622503150211</u>	

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	278	284	283	290	-	R-02	02 ch.
2	Pedestal side outer	105	101	105	104	105	105	-	-	-
3	Pedestal side inner	105	101	105	105	104	105	-	-	-
4	Pedestal crown side	152	144	150	151	150	151	-	-	-
5	Pedestal crown roof	318	323	319	319	318	319	-	-	-
6	column side	216	206	215	215	216	215	-	-	-
7	side frame friction liner	10	6	9	8	8	8	-	-	W/CH. 04 CH.
8	pocket liner	5	2	2	2	1	2	04 CH.	-	W/CH. 04 CH.
9	vertical wear of Wedge block	0	7	1	2	1	1	04 CH. <CH. Due to Modification	-	-
10	slope wear of Wedge block	0	3	1	1	1	2	-	-	-
11	Adopter make			GEM	GEM	GEM	GEM	04 CH.	-	-
12	Adopter side	268	262	268	261	261	263	04 CH.	-	W/CH. 04 CH.
13	Adopter crown lug	156	164	157	156	157	156	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre.....39.....	Final.....39.....	-	-	-	-	-
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	121	122	121	122	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

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

## Material consumption:-

1	W/Jaw adopter	W/out 04CH.	04CH.	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	"	04CH.	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	"	04CH.	16	Retaining Bolt	-	-	29	Slide block	-	-
4	E/M Pad	W/out 04CH.	04CH.	17	Jaw liner 3 mm	8/PAIR	02	30	Pin size 28*100 mm	-	-
5	Bk/block	"	04CH.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-	-
6	10*100 mm S/Pin	"	04CH.	19	C. Pivot Ring	-	-	32	bulb cotter	-	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/out 04CH.	-
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	Spg. set.	2	-
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	Pyo.	02	35	Pyo. set.	2	-
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36			
11	Friction liner	-	-	24	Push rod safety	-	-	37			
12	W/Block	Provided	04	25	y-Type F/ Lever	-	-	38			
13	CCSB ASSY	11	02	26	Eqilizing lever	-	-	39			

Signature of JE/SSE

Signature of Sr. Tech  
Lokesh Kumar

Sign of Sr. Tech

J-27/5

Wagon No.  
12251258388

Bogie No.  
9/20/84

WAGON CARE CENTRE TUGHAKABAD

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

Ver-02

84

Bolster Make & Built year..... SIMPLEX 11/04

Date 8/9/80

84

Wagon no./M. no. from bogie removed..... H-14/5 12250315211

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	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	283	279	278	-	R-01	01/11/84
2	Pedestal side outer	105	101	105	104	105	105	-	-	-
3	Pedestal side inner	105	101	105	105	105	105	-	-	-
4	Pedestal crown side	152	144	151	152	150	151	-	-	-
5	Pedestal crown roof	318	323	319	319	320	319	-	-	-
6	column side	216	206	215	216	215	215	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	-
8	pocket liner	5	2	8	3	1	2	03 Ch.	-	W/out 03 Ch.
9	vertical wear of Wedge block	0	7	1	2	3	1	04 Ch.	CH. Due to Modification	
10	slope wear of Wedge block	0	3	1	1	1	2	-	-	-
11	Adopter make							-	-	-
12	Adopter side	268	262	GEM	GEM	GEM	GEM	-	-	
13	Adopter crown lug	156	164	262	267	286	260	02 Ch.	-	W/out 02 Ch.
14	Centre pivot bottom liner vertical	38	40	157	157	157	156	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre. 39	Final. 39			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		Pre. 366	Final. 366			-	-	-
17	Side bearer spg. Height	123	119	A	A	121	122	-	-	-
Nominal clearances PRE & Final OF BOGIE										

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

Material consumption:-

1	W/jaw adopter	W/out	0 Ch.	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	"	03 Ch.	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	"	03 Ch.	16	Retaining Bolt	W/out	01 Ch.	29	Slide block	-
4	F/M Pad	W/out	04 Ch.	17	Jaw liner 3 mm	W/out	01	30	Pin size 28*100 mm	-
5	Bk/block	"	04 Ch.	18	Jaw liner 4 mm	W/out	01	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	04 Ch.	19	C. Pivot Ring	-	-	32	bulb cotter	-
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	Spy. Sot.	02
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	W/out	02	35	Eqilizing lever	-
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	Provided	04	25	y-Type F/Lever	-	-	38		
13	CCSB ASSY	"	02	26	Eqilizing lever	-	-	39		

Sign of JE/SSE

R.K. Keshavamurthy  
Sign of Sr. Tech

5-27/5 62251-258371

No. 10.  
9/20/85

Manufacturer	Bull. No.	Date	WAGON CARE CENTRE TUGHLAQABAD							
			PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE							
85	Bolster Make & Built year	HDC 7/98	Date	8/9/20						
Wagon no./M. no. from book removed		14-14/5 62250315204								
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 frame No.-1		SL1533		HDC						
Side frame No.-2		SL1430		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	286	284	278	283	284	-	R-03	03. inner
2	Pedestal side outer	105	101	105	104	105	105	-	-	-
3	Pedestal side inner	105	101	104	105	105	105	-	-	-
4	Pedestal crown side	152	144	151	150	150	150	-	-	-
5	Pedestal crown roof	318	323	319	319	319	319	-	-	-
6	column side	216	206	215	216	215	215	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	-
8	pocket liner	5	2	2	7.5	3	2	04CH.	-	W/out or ch.
9	vertical wear of Wedge block	0	7	1	2	1	1	04CH.	CH. Dull to Modification.	10
10	slope wear of Wedge block	0	3	1	1	2	1	-	-	-
11	Adopter make			9EM	9EM	9EM	9EM	-	-	-
12	Adopter side	268	262	260	261	260	260	04CH.	-	W/out 04CH.
13	Adopter crown lug	156	164	157	156	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						-	-	-
17	Side bearer spg. Height	123	119	121	122	122	121	-	-	-
Nominal clearances PRE & Final OF BOGIE										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	84	17	23	22	Colour code of bolster springs:-	
				FINAL:-	12	11	11	11		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	25	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue	
				FINAL:-	26	25	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	5	C/code of provided paired bolster springs:-	
				FINAL:-	5	4	5	5		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22	(A)	
				FINAL:-	23	22	23	22		
3	Side bearer clearance	0.5	2	PRE:-	1	2	1	1	(A)	
				FINAL:-	-	-	-	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-	(A)	
				FINAL:-	139	139	139	139		
5	Bogie Trammeling	3018±4.5		OK	OK	OK	OK	-		
Material consumption:-										
1	W/jaw adopter	W/out	04CH.	14	Side bearer Nut & Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	"	02CH.	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	"	02CH.	16	Retaining Bolt	-	-	29	Slide block	
4	E/M Pad	W/out	04CH	17	Jaw liner 3 mm	Re/Par 03	-	30	Pin size 28*100 mm	W/out 02CH
5	Bk/block	"	04CH	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	" 02CH
6	10*100 mm S/Pin	"	04CH	19	C. Pivot Ring	-	-	32	bulb cotter	04CH
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/out 04CH
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	Spy. set.	pro. 02
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	Par 02	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	Provided	04	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	"	02	26	Eqilizing lever	-	-	39		

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## WAGON CARE CENTRE TUGHAKABAD

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

Ver-02

R side of the wagon  
01/01/20Bolster Make & Built year HEI 10/02 Date 7/3/20  
Wagon no./M. no. from bogie removed HEI 14/5 62250 315 204

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	283	284	283	-	R-04	04/01/20
2	Pedestal side outer	105	101	105	104	105	104	-	-	-
3	Pedestal side inner	105	101	104	105	105	105	-	-	-
4	Pedestal crown side	152	144	150	151	152	151	-	-	-
5	Pedestal crown roof	318	323	319	319	318	319	-	-	-
6	column side	216	206	215	216	216	215	-	-	-
7	side frame friction liner	10	6	9	8	8	8	-	-	-
8	pocket liner	5	2	2	3	1	2	03 CH.	-	03 CH.
9	vertical wear of Wedge block	0	7	1	2	1	2	04 CH	CH. Due to Modification	-
10	slope wear of Wedge block	0	3	1	1	2	1	-	-	-
11	Adopter make			9 EM	9 EM	9 EM	9 EM	-	-	-
12	Adopter side	268	262	266	265	266	267	-	-	-
13	Adopter crown lug	156	164	156	157	156	156	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 140	Final 140			01 CH.	-	01/01/20
15	Centre pivot Ring liner wear	365	369	Pre 366	Final 366			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F								
17	Side bearer spg. Height	123	119	121	122	121	122	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	17	18	18	16	Colour code of bolster springs:-	
				FINAL:-	11	12	11	11		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26		
				FINAL:-	26	25	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	4	4	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue	
				FINAL:-	5	4	4	4		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	24	23	22	C/code of provided paired bolster springs:-	
				FINAL:-	23	24	23	22		
3	Side bearer clearance	0.5	2	PRE:-	1	2	1	1	(A)	
				FINAL:-	7	-	-	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-		
				FINAL:-	129.5	130	131	130		
5	Bogie Trammeling	3018±4.5		OK / OK						

## Material consumption:-

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	W/old	01 CH.	29	Slide block	-
4	E/M Pad	..	04 CH.	17	Jaw liner 3 mm	Yeray	04	30	Pin size 28*100 mm	-
5	Bk/block	..	04 CH.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	..	04 CH.	19	C. Pivot Ring	-	-	32	Bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	W/old	01 CH.	33	S/F Key & N/BOLT	-
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	SPY. set.	W/OUT 04 CH. 02
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35	rod.	
10	Bolster liner	W/old	01 CH.	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	Provided	04	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	11	02	26	Eqilizing lever	-	-	39		

Jaw liner  
Sign of JE/SSERakankumar  
Sign of Sr. Tech

M. No. Wagon No. Bogie No.  
J-27/5 62251258364 9/20/87

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

187 Bolster Make & Built year TEXM ACO Date 7/3/20

Wagon no./M. no. from bogie removed H-14/5 62250315198

2. 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.	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	283	284	283	-	R-04	04 CH
2	Pedestal side outer	105	101	104	105	105	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	105	-	-	-
4	Pedestal crown side	152	144	151	150	151	152	-	-	-
5	Pedestal crown roof	318	323	319	319	319	318	-	-	-
6	column side	216	206	215	215	216	215	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	Without ch.
8	pocket liner	5	2	4	2	3	2	04 CH	04 CH	Due to Modification
9	vertical wear of Wedge block	0	7	2	1	1	1	-	-	-
10	slope wear of Wedge block	0	3	1	2	1	1	-	-	-
11	Adopter make			9EM	9EM	9EM	9EM	-	-	-
12	Adopter side	268	262	261	267	263	268	-	-	-
13	Adopter crown lug	156	164	157	156	157	156	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 39	Final 39	-	-	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 360	Final 360	-	-	04 CH	04 CH	W/04 CH
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	-	-	-	-	-
17	Side bearer spg. Height	123	119	121	122	121	122	-	-	-

Nominal clearances PRE & Final OF BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	18	16	19	17	Colour code of bolster springs:	
				FINAL:-	11	12	11	11		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	25	25	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue	
				FINAL:-	25	26	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	4	5	C/code of provided paired bolster springs:-	
				FINAL:-	5	4	4	5		
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22	(A)	
				FINAL:-	23	22	23	22		
3	Side bearer clearance	0.5	2	PRE:-	1	2	1	1		
				FINAL:-	-	-	-	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	131	131	130		
				FINAL:-	-	-	-	-		
5	Bogie Trammeling	3018±4.5		OK		OK				

Material consumption:-

1	W/Jaw adopter	-	-	14	Side bearer Nut & Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	W/04 CH	04 CH	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	"	02 CH	16	Retaining Bolt	W/04 CH	04 CH	29	Slide block	-
4	E/M Pad	"	04 CH	17	Jaw liner 3 mm	Ye/04 CH	04	30	Pin size 28*100 mm	-
5	Bk/block	"	04 CH	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	04 CH	19	C. Pivot Ring	W/04 CH	02 CH	32	Bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/04 CH
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	Spig. set	04 CH
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35	Pin	-
10	Bolster liner	W/04 CH	04 CH	23	Bolster spg. Snubber	-	-	36		-
11	Friction liner	-	-	24	Push rod safety	-	-	37		-
12	W/Block	Provided	04	25	y-Type F/ Lever	-	-	38		-
13	CCSB ASSY	11	02	26	Eqilizing lever	-	-	39		-

Sign of JE/SSE

Rakshana  
Sign of Sr. Tech

J-27/5 72251258364 9/20/88

## WAGON CARE CENTRE TUGHLAKABAD

Ver-02

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

88 Bolster Make & Built year: HDC 2/02Date: 7/9/20Wagon no./M. no. from bogie removed: H-1415 62250315198

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

fitted on left side of the wagon  
(monthly basis)

	S. No. of S/ Frame	S/Frame Make	Built (Month/Year)
frameNo.-1	<u>SL4272</u>	<u>HDC</u>	<u>3/02</u>
side frameNo.-2	<u>SL4064</u>	"	<u>2/02</u>

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	<u>283</u>	<u>284</u>	<u>284</u>	<u>283</u>	-	<u>R-04</u>	<u>04 liner</u>
2	Pedestal side outer	105	101	<u>105</u>	<u>104</u>	<u>105</u>	<u>105</u>	-	-	-
3	Pedestal side inner	105	101	<u>104</u>	<u>105</u>	<u>105</u>	<u>104</u>	-	-	-
4	Pedestal crown side	152	144	<u>151</u>	<u>150</u>	<u>151</u>	<u>150</u>	-	-	-
5	Pedestal crown roof	318	323	<u>319</u>	<u>318</u>	<u>318</u>	<u>318</u>	-	-	-
6	column side	216	206	<u>215</u>	<u>216</u>	<u>215</u>	<u>215</u>	-	-	-
7	side frame friction liner	10	6	<u>9</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>03 ch.</u>	-	<u>W/OUT 03 ch.</u>
8	pocket liner	5	2	<u>3</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>04 ch.</u>	<u>CH. Due to Modification</u>	
9	vertical wear of Wedge block	0	7	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	-	-	-
10	slope wear of Wedge block	0	3	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	-	-	-
11	Adopter make			<u>GEM</u>	<u>GEM</u>	<u>GEM</u>	<u>GEM</u>	-	-	-
12	Adopter side	268	262	<u>267</u>	<u>265</u>	<u>264</u>	<u>266</u>	-	-	-
13	Adopter crown lug	156	164	<u>157</u>	<u>157</u>	<u>156</u>	<u>157</u>	<u>01 ch.</u>	-	<u>W/OUT 01 ch.</u>
14	Centre pivot bottom liner vertical	38	40	Pre: <u>28</u> Final: <u>28</u>				-	-	-
15	Centre pivot Ring liner wear	365	369	Pre: <u>366</u> Final: <u>366</u>				-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F						-	-	-
17	Side bearer spg. Height	123	119	121	122	121	122	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	18	19	20	17		
				FINAL:-	12	11	11	11		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	<u>25</u>	<u>26</u>	<u>25</u>	<u>25</u>		
				FINAL:-	<u>26</u>	<u>25</u>	<u>25</u>	<u>26</u>		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	<u>5</u>	<u>4</u>	<u>4</u>	<u>5</u>		
				FINAL:-	<u>5</u>	<u>4</u>	<u>4</u>	<u>5</u>		
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	<u>23</u>	<u>22</u>	<u>23</u>	<u>23</u>		
				FINAL:-	<u>23</u>	<u>22</u>	<u>23</u>	<u>23</u>		
	Side bearer clearance	0.5	2	PRE:-	<u>1</u>	<u>2</u>	<u>1</u>	<u>1</u>		
				FINAL:-	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
	CCSB Height under Tare	129.5	132.5	PRE:-	<u>130</u>	<u>131</u>	<u>130</u>	<u>131</u>		
				FINAL:-	<u>OK</u>	<u>1</u>	<u>OK</u>			
5	Bogie Trammeling	3018±4.5								

## Colour code of bolster springs:-

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

## C/code of provided paired bolster springs:-

(A)

## Material consumption:-

1	W/jaw adopter	<u>—</u>	<u>—</u>	14	Side bearer Nut&Bolt	<u>—</u>	<u>—</u>	27	Push rod	<u>—</u>	<u>—</u>
2	Bk. Beam wear plate	<u>W/o ch.</u>	<u>04 ch.</u>	15	Side bearer seat	<u>—</u>	<u>—</u>	28	BK. Beam bush	<u>—</u>	<u>—</u>
3	Wear plate	<u>—</u>	<u>03 ch.</u>	16	Retaining Bolt	<u>—</u>	<u>—</u>	29	Slide block	<u>—</u>	<u>—</u>
4	E/M Pad	<u>—</u>	<u>04 ch.</u>	17	Jaw liner 3 mm	<u>Repard</u>	<u>04</u>	30	Pin size 28*100 mm	<u>—</u>	<u>—</u>
5	Bk/block	<u>—</u>	<u>04 ch.</u>	18	Jaw liner 4 mm	<u>—</u>	<u>—</u>	31	Pin size 40*118 mm	<u>—</u>	<u>—</u>
6	10*100 mm S/Pin	<u>—</u>	<u>04 ch.</u>	19	C. Pivot Ring	<u>—</u>	<u>—</u>	32	bulb cotter	<u>—</u>	<u>—</u>
7	Bk/block key	<u>—</u>	<u>—</u>	20	C. Pivot bottom liner	<u>W/o ch.</u>	<u>01 ch.</u>	33	S/F Key & N/BOLT	<u>W/OUT</u>	<u>04 ch.</u>
8	Bk. beam	<u>—</u>	<u>—</u>	21	Bolster spg. Outer	<u>—</u>	<u>—</u>	34	Sby. Sot. P80.	<u>02</u>	
9	S/Bearer spg.	<u>—</u>	<u>—</u>	22	Bolster spg. Inner	<u>—</u>	<u>—</u>	35	F/L Bush	<u>—</u>	<u>01</u>
10	Bolster liner	<u>W/o ch.</u>	<u>01 ch.</u>	23	Bolster spg. Snubber	<u>—</u>	<u>—</u>	36			
11	Friction liner	<u>—</u>	<u>—</u>	24	Push rod safety	<u>—</u>	<u>—</u>	37			
12	W/Block	<u>Provided</u>	<u>04</u>	25	y-Type F/ Lever	<u>—</u>	<u>—</u>	38			
13	CCSB ASSY	<u>11</u>	<u>02</u>	26	Eqilizing lever	<u>—</u>	<u>—</u>	39			

*Jaw adopter*  
Sign of JE/SSE

*Rakesh Kumar*  
Sign of Sr. Tech

Bolster Make & Built on 01/05/2011

Date....5/9/20

Wagon no./M. no. from bogie  
removed.....

Wagon no./M. no. from bogie  
removed, H-1415 61250310134  
are in M.M.

Dimensions are in M.M.

2. All lines must be entered 3. REF:- L.S.D. Is fitted in left side B/S/Frame No. 1 will be left side

-Nominal clearances PRE & Final OF BOGIE

### **Material consumption:-**

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	W/out	02 CH.	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	"	02 CH	16	Retaining Bolt	-	-	29	Slide block	-	-
4	E/M Pad	W/out	04 CH	17	Jaw liner 3 mm	REPAIR	04	30	Pin size 28*100 mm	-	-
5	Bk/block	"	04 CH.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-	-
6	10*100 mm S/Pin	"	04 CH	19	C. Pivot Ring	-	-	32	bulb cotter	-	-
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	SPG. SGT.	PAO.	02
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	P80.	02	35			
0	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36			
1	Friction liner	-	-	24	Push rod safety	-	-	37			
2	W/Block	Provided	04	25	y-Type F/ Lever	-	-	38			
3	CCSB ASSY	11	02	26	Eqilizing lever	-	-	39			

~~Sign.of JE/SSE~~

Rukesh Kumar  
Sign of Sr. Tech

J-27/5 8125/238918 9/29/90

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

10 Bolster Make & Built year... SIMPLEX 11/08

Date. 5/09/20

Wagon no./M. no. from bogie removed. 14-14/5 6125-2310/34

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)
frameNo.-1	SL10873	SIMPLEX
frameNo.-2	SL10822	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	286	272	283	283	294	-	R03	03/09/20
2	Pedestal side outer	105	101	105	104	105	105	-	-	-
3	Pedestal side inner	105	101	104	105	105	105	-	-	-
4	Pedestal crown side	152	144	151	152	151	152	-	-	-
5	Pedestal crown roof	318	323	319	319	318	319	-	-	-
6	column side	216	206	215	216	216	215	-	-	-
7	side frame friction liner	10	6	9	8	9	9	-	-	-
8	pocket liner	5	2	2	2	1	2	04CH.	-	W/Fold 04C
9	vertical wear of Wedge block	0	7	2	1	1	1	04CH.	<CH. Ave 15	Modification
10	slope wear of Wedge block	0	3	1	1	2	1	-	-	-
11	Adopter make			57	57	57	57	-	-	-
12	Adopter side	268	262	266	261	262	260	03CH.	-	W/Fold 03C
13	Adopter crown lug	156	164	152	156	156	156	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre. 39	Final. 39			-	-	-
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			02CH.	ESB	CH. 02A
17	Side bearer spg. Height	123	119	121	122	121	122	02CH.	ESB	CH. 02A

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	12	22	21	24	Colour code of bolster springs:	
				FINAL:-	11	12	11	11		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	25		
				FINAL:-	26	25	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	4	4		
				FINAL:-	5	4	4	4		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22		
				FINAL:-	23	22	23	22		
3	Side bearer clearance	0.5	2	PRE:-	1	1	2	1		
				FINAL:-	-	-	-	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	131	130	131		
5	Bogie Trammeling		30184.5		ok	1	ok			

C/codes of provided paired bolster springs:

(A)

Material consumption:-

1	W/Jaw adopter	W/out	03CH.	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	"	02CH.	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	"	04CH.	16	Retaining Bolt	W/out	01CH.	29	Slide block	-
4	I/M Pad	W/out	04CH.	17	Jaw liner 3 mm	Yes/No	03	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/I key &N/BOLT	W/out 04CH
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	0.5kg. set.	02
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	W/out	02	35		
10	Bolster liner	W/out	02CH.	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	Provided	04	25	Y Type F/ Lever	-	-	38		
13	CCSB ASSY	"	02	26	Eqilizing lever	-	-	39		

Signature  
Sign of JE/SSE

Signature  
Sign of Sr. Tech