



CUSTOMER NAME	PUTRA PERKASA ABADI	PHONE NO. / HP	
KOTA / BRANCH	PT. ADARO MINERAL INDONESIA - central Borneo		DATE 24-May-24

UNIT TYPE	COMP MODEL	BRAND	INSTALL DATE	PROBLEM DATE
AROCS	4042 K	Mercedes Benz	19-Apr-23	21-May-24

UNIT CODE	MACHINE LOCATION	LIFETIME	HM / KM
PPA DA42002	PPA - AMI	398 days	3985 / 36181

DETAIL PROBLEM

We receive information from mechanic there are material after drain oil differential front

PHOTO



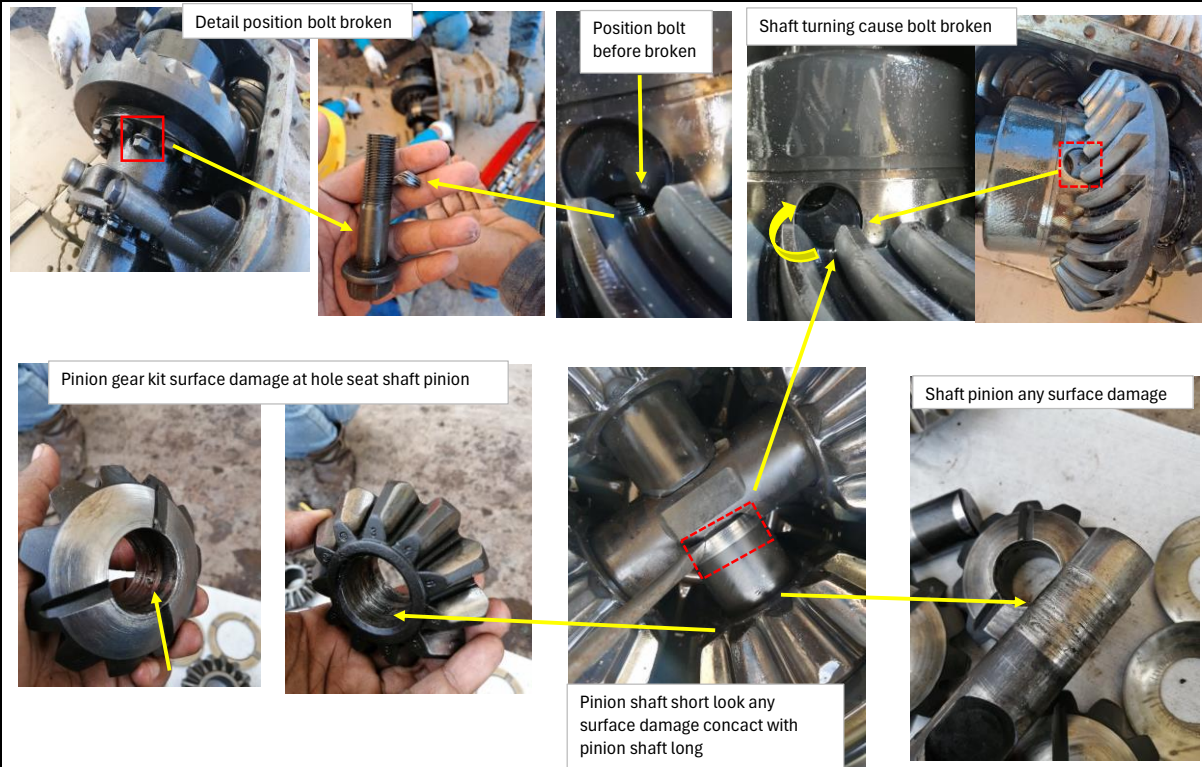
First finding mechanic do service

To	Task title	Unit Code	Hours	Description/Purpose	Action	Open Date	Open Date	MTC	NTC	Start Date	Finish Date	Total Breakdown	MS/MSF	Work Days	Report by
21-04-20	CA002	700	THE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S.	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	MALICIA AGAR	
21-04-20	CA002	701	THE P.T.S.I.S. BEAR	POSSA REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	MALICIA AGAR	
21-04-20	CA002	702	ABLE CUL	ABLE CUL	1	ENGINE	5	Openly	09:50	09:40	17	MS/MSF	182	ABLE CUL	
21-04-20	CA002	704	THE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S.	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	705	SERVICE	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	706	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	707	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	708	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	709	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	710	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	711	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	712	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	713	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	714	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	715	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	716	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	717	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	718	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	719	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	720	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	721	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	722	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	723	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	724	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	725	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	726	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	727	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	728	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	729	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	730	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	731	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	732	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	733	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	734	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	735	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	736	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	737	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	738	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	739	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	740	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	741	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	742	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	743	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	744	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	745	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	746	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	747	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	748	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	749	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	750	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	751	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	752	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	753	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	754	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	755	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	756	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	757	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	758	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	759	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	760	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	761	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	762	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	763	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	764	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	765	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	766	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	767	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	768	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	769	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	770	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	771	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	772	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	773	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	774	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	775	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	776	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	777	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	778	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	779	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	780	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	781	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	782	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	783	REPAIR/REPLACE P.T.S.I.S. BEAR	REPAIR/REPLACE P.T.S.I.S. BEAR	22	T/F	6	Tim	09:50	22:15	142	MS/MSF	180	ABLE CUL	
21-04-20	CA002	784</													

[illegible]

History breakdown and result PAP

PHOTO



ANALYSIS

After inspection the data, we found pinion shaft jammed with gear kit. in this case jammed cause lack lubricant, and when the gearkit have a load over spinning lubricant can't lubricate maximal the gear kit and make jammed. Indicated over spinning can be see at shaft pinion gear kit and hole gearkit any surface damage, this damage is a characteristic of over spinning. The other answer questions why is the bolt of crown wheel to differential housing broken and why is only one side pinion jammed ? There is no difference if bolt is broken and only one side pinion jammed. The damage is the same. The one side pinion is the weaker part and may fail earlier. and we looks the lubrication used oil not recommendation for principle.

STATUS

STATUS ORDER SPAREPARTS

☐ WARRANTY ☐ NON WARRANTY

RECOMMENDED SPAREPARTS

DATA SPAREPARTS RECOMMENDED

No	Part Number	Description	Qty

Created	Egi sugiana
Date	24-May-24
Tertanda	<i>Egi sugiana</i>