INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

QUESTION 5: State, by model and model year, a total count for all of the following categories of claims, collectively, that have been paid by JLR to date that relate to, or may relate to, the alleged defect in the subject vehicles: warranty claims; extended warranty claims; claims for good will services that were provided; field, zone, or similar adjustments and reimbursements; and warranty claims or repairs made in accordance with a procedure specified in a technical service bulletin or customer satisfaction campaign.
Separately, for each such claim, state the following information:

5a	5c	5d	5e	5f					5g	5h	5i	5j		5k	5l,m	5n
Document Number	VIN	Repair Date	Mileage at time of repair	Repair Dealer Name	Repair Dealer Area Code	Repair Dealer Phone Num	Repair Dealer City	Repair Dealer State	Repair Dealer Zip Code	Labor Operation Code	Problem Code	DTC Code	Part Num Base (Reported)	Part Num Desc (Reported)	Concern stated by customer	Cause as stated on the repair order Correction as stated on the repair order	Additional Comments
547905E	[redacted]	12-Jul-14	19062	LAND ROVER LITTLE ROCK	501	6610303	LITTLE ROCK	AR	72210	705019	GB2		LR025647	Coupling - Pump Drive	C/S THAT BRAKES GO TOTHE FLOOR	REMOVED AIR BOX ASSEMBLY, INTAKE TUBE, BATTERY, AND BATTERY BOX. REMOVED VACCUUM PUMP, VACCUUM HOSE, AND USED 7/64 REVERSE DRILL BIT AND 7/64 BROKEN BOLT EXTRACTER TOOL TO REMOVE BROKEN END OF BOLT FROM CAMSHAFT END.	
058585A		13-May-15	42495	HARON LAND ROVER	559	2375533	FRESNO	CA	93721	705019	GB6		LR025652	Solenoid - Engine Variable Timing	CUSTOMER STATES THAT POWER BRAKES WENT OUT. PLEASE CHECK AND ADVISE	REPLACED BOLT/ VACCUUM PUMP DRIVE, REPLACED NO POWER BRAKES. CONFIRMED HARD BRAKE PEDAL , CHECKED FOR FAULT CODES NONE FOUND , REMOVED VACUUM HOSE TO BOOSTER AND INSPECTED FORDIRT/DEBRE BLOCKAGE , NONE NONE FOUND. REMOVED HOSE AT VACUUM PUMPAND CHECKED VACUUM , NO VACUUM FROM PUMP , CHECKED FOR SB	
170959C		6-Jan-14	36096	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GD2		LR047384	Pump - Vacuum	CLIENT STATES BRAKE PEDAL GOES TO THE FLOOR	CONFIRMED BRAKE PEDAL GOING TO FLOOR. FOUND BRAKE BOOSTER AND VACUUM PUMP INOPERABLE. REPLACED BRAKE BOOSTER AND VACUUM PUMP. ROAD TESTED OK.	
123856A		16-Feb-15	20391	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB2		LR047384	Pump - Vacuum	CUSTOMER STATES WHILE DRIVING ON THE FREEWAY BRAKE PEDAL WILL NOTHAVE ANY PRESSURE AND VEHICLE WILL NOT STOP PROPERLY	VACUUM & DRIVE NUT FAILURE. VERIFIED CONCERN. CHECKED VACUUM OUT OF THE VACUUM PUMP AND NOTED NO VACUUM. DIAGNOSED FAILED VACUUM PUMP. REMOVED VACUUM PUMP AND NOTED VACUUM PUMP DRIVE NUT/EXTENSION THAT IS MOUNTED IN THE END OF THE CAMSHAFT TO HAVE	
135764A		18-Jun-16	49453	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB6		LR047384	Pump - Vacuum	CUSTOMER STATES WHILE DRIVING ON HIGHWAY AND APPLYING BRAKE DURINGNORMAL TRAFFIC CONDITIONS BRAKE PEDAL BECAME VERY TOUGH TO APPLY AND VEH WOULD NOT HOLD ITSELF CHECK AND ADVIE	VACUUM PUMP FAILURE. PERFORM BRAKE SYSTEM DIAG. REMOVE VACUUM PUMPHOSE AND FOUND VACUUM PUMP NOT PRODUCING VACUUM. REMOVE FOR INSPECTION AND FOUND VACUUM PUMP SEIZED INTERNALLY. ALSO FOUND CAMSHAFTCOUPLING CAME APART DUE TO SEIZED PUMP. MANUALLY REMOVE	
172201A		5-Sep-15	45167	LAND ROVER HINSDALE	630	3259955	HINSDALE	IL	60521	705019	GD2		LR047384	Pump - Vacuum	CUST STATES WHEN GOING AT LOW SPEEDS AND ENGAGE THE BRAKES THERE IS NO BRAKE POWER	VACUUM PUM. TEST DRIVE BRAKES HAVE NO ASSIST CHECK FOR VACUUM AT PUMP LEAKING VACUUM INTERNALLY NO VACUUM REPLACE WORN VACUUM PUMP	
014679A		17-Jul-15	35897	LAND ROVER SOUTHWEST HOUSTON	713	5963000	HOUSTON	TX	77074	705019	GD2		LR047384	Pump - Vacuum	CUSTOMER STATES THAT THE BRAKES FAILED	FROZEN/SEIZED/BINDING. VERIFIED CONCERN, HAS NO VACUUM TO BRAKE BOOSTER. FOUND ENGINE MOUNTED VACUUM PUMP SEIZED. WON'T TURN. REMOVED PUMP AND INSPECT, FOUND VACUUM PUMP DRIVE COUPLING ON INTAKE CAMBROKEN. REMOVED INTAKE CAM AND DRILL OUT BROKEN COUPLER BOLT.	
188671F		1-Jul-15	48528	HORNBURG LAND ROVER LOS ANGELES	310	4325900	LOS ANGELES	CA	90069	705019	GB6		LR047384	Pump - Vacuum	CUST STATES THE CAR HAS A HARD BRAKE PEDAL AT LOWER SPEEDS AND VERY HARD TO STOP THE CAR	INTERNAL FAULT. PERFORMED BRAKE DIAGNOSIS. NO FAULTS IN SYSTEM. CHECKED AND INSPECTED BOOSTER AND PIPE AND FOUND NO FAULT. HOOKED UPA VACUUM GAUGE TOO PUMP. FOUND O VACUUM. REPLACED VACUUM PUMP.	
348401A		24-Jun-15	34354	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6		LR047384	Pump - Vacuum	CUSTOMER STATES BRAKES NOT PERFORMING WELL HAS TO PRESS VERY HARD	FOUND BRAKE BOOSTER VAC PUMP INTERNAL FAILURE, BINDING. REPLACE VAC PUMP AND HOSE. ROAD TEST VEHICLE OK AT THIS TIME	
131568A		14-Jan-16	27336	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB1		LR047384	Pump - Vacuum	CUST STATES: WHEN COMING TO A STOP THE BRAKES FEEL HARD. ITS HARDTO STOP. CHECK AND ADVISE.	VACUUM PUMP DIAPHRAGM FAULT. CONFIRMED CUSTOMERS CONCERN OF BRAKEPEDAL FEELING HARD WHEN COMING TO A STOP. INSPECTED VEHICLE AND FOUND A LACK OF VACUUM AT THE VACUUM BOOSTER. CHECKED VACUUM PUMP AND FOUND IT WOULD ONLY PRODUCE A SMALL AMOUNT A VACUUM.	
237258A		15-Sep-14	24052	LAND ROVER BUCKHEAD	404	2614400	ATLANTA	GA	30305	705019	GB2		LR047384	Pump - Vacuum	C/S THE BRAKE PEDAL GOES TO THE FLOOR 1ST THING IN THE MORNING THEN IT IS NORMAL THE REST OF THE DAY.	INOP. REMOVED AND REPLACED BRAKE VACUUM PUMP	
223863E		26-Aug-15	30180	LAND ROVER MONMOUTH	732	8692500	OCEAN	NJ	7712	705019	GB6		LR047384	Pump - Vacuum	DRIVING ON THE HIGHWAY AND LOST HIS BRAKES. HIT THE PEDAL AND THERE WAS NOTHING. ***** S/T FOR DRILLING AND EXTRACTED BROKEN BOLT**	ROAD TESTED VERIFIED CONCERN. CHECKED BRAKE SYSTEM TO FIND VAUCMN ASSIST NOT WORKING. CHECKED VACUMN PUMP TO FIND BOLT FOR COUPLER ON CAM SHAFT BROKEN IN CAM. FOUND VACUMN PUMP BINDING AND LOCKING. REPLACED VACUMN PUMP AND COUPLER. NESSECARY TO DRILL AND	
040068A		18-Aug-14	49369	LAND ROVER CAPE FEAR	910	3323500	WILMINGTON	NC	28403	705019	GB6		LR047384	Pump - Vacuum	C/S WHILE DRIVING, THE BRAKE PEDAL BECAME VERY HARD AND VEHICLE WAS NOT BRAKING PROPERLY. CUST HAD TO STAND ON BRAKE PEDAL TO GET BRAKES TO WORK.	FOUND VACUM PUMP SHORTED REPLACED VACUM PUMP RETESTED BRAKES NOW WORKI NORMALLY.	

184624C	[redacted]	16-Jan-15	31803	HORNBURG LAND ROVER LOS ANGELES	310	4325900	LOS ANGELES	CA	90069	705019	GB1	LR047384	Pump - Vacuum	CUSTOMER STATES THE BRAKE PEDAL GETS HARD WHILE DRIVING AND VEHICLE IS HARD TO STOP. CHECK AND ADVISE.	INTERNAL FAULT VACUUM PUMP. PERFORMED BRAKE ASSIST DIAGNOSIS. CONNECT VACUUM GAUGE TO BRAKE VACUUM PUMP. PUMP PULLING 20IN OF MERCURY AND DROPPING TO 15/ REPLACED THE WEAK VACUUM PUMP AND RE TEST NEW PUMP AT 30INHG AND HOLDING. ROAD TEST OPERATION NOW NORMAL.
199544A		16-Jul-14	26899	HORNBURG LAND ROVER SANTA MONICA	310	7525100	SANTA MONICA	CA	90404	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE HAS NO BRAKES JUST WORKED ON AT LR LAS VEGAS	[redacted] DRIVE VEHICLE INTO WORKSHOP FEELS LIKE NO POWER ASSIST FROM VACUUM BOOSTER.WITH ENGINE RUNNING REMOVE VACUUM LINE FROM PUMPTO BOOSTER FOUND NO VACUUM BEING CREATED BY PUMP...REMOVE PUMP ANDINSPECT FOUND FAULTY VACUUM PUMP AND DRIVE COUPLING.REPLACE
411866A		28-Aug-15	43870	LAND ROVER HOUSTON NORTH	832	2492000	HOUSTON	TX	77090	705019	GD2	LR025647	Coupling - Pump Drive	BRAKES DO NOT WORK, PLEASE ADVISE	VACCUME PUMP LOCKED UP & BROKE FLANGE. VACUUM PUMP LOCKED UP BROKEFLANGE. VACUUM PUMP BRAKE BOOSTER RENEW
175265E		21-Jul-15	42682	LAND ROVER NORTH SCOTTSDALE	480	5384100	PHOENIX	AZ	85054	705019	GB5	LR025647	Coupling - Pump Drive	CLIENT STATES THAT THE VEHICLE HAS NO POWER BRAKES/NO BRAKES	TEST DROVE VEHICLE AND VERIFIED CUSTOMER COMPLAINT. VEHICLE HAS NO POWER ASSISTED BRAKES. INSPECTED VEHICLE BRAKE BOOSTER AND VACCUM HOSE NO FAULTS FOUND. INSPECTED VACCUM PUMP AND FOUND NO VACCUM AVAILABLE AT PUMP. FOUND VACCUM PUMP TO BE SEIZED AND
401326A		2-May-14	43760	LAND ROVER OKLAHOMA CITY	405	7499049	OKLAHOMA CITY	OK	73114	705019	GD2	LR047384	Pump - Vacuum	CUST STS THERE IS NO POWER ASSIST FOR BRAKE AT VERY SLOW SPEEDS	CK VAC AT PUMP BOOSTER AND HAS WEAK PUMP REPLACED VAC PUMP BOOSTER AND RECK OPERATION CAUSE: WEAK
506907A		8-May-14	42081	LAND ROVER FT. WORTH	800	4335602	FORT WORTH	TX	76107	705019	GB6	LR047384	Pump - Vacuum	CUSTOEMR STATES BRAKES ARE HARD TO PRESS. REPORT	[redacted] FOUND FAULTY VACUUM PUMP. VACUUM PUMP REPLACED, BRAKES ARENOW WORKING AS DESIGNED.
096074A		7-Jan-15	35380	LAND ROVER ORLANDO	407	6959100	ORLANDO	FL	32810	705019	GB6	LR047384	Pump - Vacuum	C/S THE BRAKE PEDAL GOES ALL THE WAY TO THE FLOORBOARD WHEN BRAKING.	VACCUM PUMP LOCKED UP. THERE WAS NO VACUUM ASSIST GOING TO BRAKE BOOSTER ASSEMBLY CAUSING THE BRAKE PEDAL TO BE HARD. HAD TO REPLACEVACUUM PUMP ASSEMBLY BECAUSE IT WAS LOCKED UP AND WOULD NOT TURN.ALSO HAD TO R&R VALVE COVER ASSEMBLY INORDER TO REPLACE
621210A		11-Jun-13	15951	LAND ROVER MANHATTAN	212	5492222	NEW YORK	NY	10019	705019	MX1	LR047384	Pump - Vacuum	CUST STATES BRAKE NOT WORKING PROPERLY	PERFORM VACUUM TEST TO THE PUMP FOUND PUMP LEAKING REPLACED VACUUM PUMP
201407A		2-Jun-14	36870	LAND ROVER NEWPORT BEACH	949	6406445	NEWPORT BEACH	CA	92660	705019	GB6	LR047384	Pump - Vacuum	CUST REPORTS VEHICLE TAKES A LONG TIME TO STOP, BRAKE PEDAL IS VERY HARD***30 DAYS SINCE NOTE, PLEASE REVIEW. TYVM 07/07***	INEFFECTIVE VACUUM PUMP. [redacted] TEST DROVE VEHICLE, VERIFIED CONCERN. PEDAL IS VERY HARD. INSPECTED BRAKES AND, THOUGH THEY ARE GETTING LOW, THERE IS NO MECHANICAL FAULT THAT WOULD CAUSE THE ISSUE.CHECKED BOOSTER VACUUM SUPPLY AND FOUND VACUUM TO BE VERY LOW. MEASURED
335565B		2-May-14	49750	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES STEP ON BRAKE NO RESPONSE WONT BRAKE PEDAL WOT STOP	CK VEH AND FOUND NO POWER BRAKE ASSIST. REMV VAC PUMP AND FOUND PUMP JAMMED AND DRIVE COUPLING SHEARED. STTIME REMOVAL OF SHEARED PART OF COUPLING. INST NEW COUPLING AND REPL FROZEN PUMP. RDTEST.OK
102212A		26-Sep-14	34768	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118	705019	MD1	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE IS VERY HARD TO BRAKE, CHECK AND ADVISE	INTERNAL DEFECT IN VACCUM PUMP. ST TIME NEEDED TO DRILL AND REMOVEVACUUM PUMP. BINIDNG. VACUUM PUMP FAILURE AND BINDING REMOVED VACUUM PUMP AND REPLACE STILL NO VACUUM R&R PUMP 3X TO FIND DRIVE ON CAMO SHAFT SEDIED ODD. FROM BEGINNING VACUUM PUMP REMOVED COVER,
957987B		31-Dec-13	26102	LAND ROVER MT. KISCO	914	2449080	MOUNT KISCO	NY	10549	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES THE BRAKE PEDAL GOES TO THE FLOOR	CLOGGED ASSEMBLY [redacted] REPLACED VACCUM PUMP FOR BOOSTER THAT WASSLUDGED UP DUE TO LACK OF MAINT'
098294B		6-Jun-16	33461	LAND ROVER WILLOW GROVE	215	9569200	WILLOW GROVE	PA	19090	705019	GB6	LR047384	Pump - Vacuum	CHECK BRAKE AT TIMES MUST PUMP	FOUND VEHICLE TO HAVE NO POWER ASSISTED BRAKES, ATTACHED VEHICLE TO SDD, NO FAULTS, REMOVED WHEELS AND CHECKED BRAKE MECHANICAL SYSTEM OK, CHECKED FOR VACUUM SUPPLY TO BRAKE BOOSTER, LOW VACCUUM SUPPLIED, FOUND ENGINE VACUUM PUMP TO HAVE LOW OUTPUT, INSTALLED
173645A		12-May-14	28885	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GB6	LR047384	Pump - Vacuum	VEHICLE TOWED IN BRAKES HAVE TO BE DEPRESSED REALLY HARD TO WORK PROPERLY	CHECKED FOR VACUUM AT BRAKE BOOSTER. NO VACUUM AT PUMP. REPLACED BRAKE BOOSTER VACUUM PUMP
326745A		11-May-15	36064	LAND ROVER SUDBURY	508	6508822	SUDBURY	MA	1776	705019	GB6	LR047384	Pump - Vacuum	VEHICLE TOWED IN CUSTOMER STATES BRAKES WENT OUT WHEN DRIVING CHECK AND ADVISE	VACUUM PUMP FOR BRAKES FAILED, METAL SHAVINGS FOUND TA CASE [redacted]. CONFIRMED CUSTOMER CONCERN. BRAKING SYSTEM LACKS OF VACUUM ASSIST. VISUALLY INSPECTED VACUUM PUMP AND HOSE TO MASTER CYLINDER BRAKE BOOSTER. NO DAMAGE FOUND. INSPECTED VACUUM PUMP
239629D		29-Nov-14	37647	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GB6	LR047384	Pump - Vacuum	C/S WHEN YOU STEP ON THE BRAKES THE PEDDLE GETS REALLY HARD	VACUUM INOP. TRACE AND FOUND VACUUM PUMP CLOGGED. REPLACE VACUUM ASSEMBLY.

131990A	[redacted]	1-Feb-16	27798	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB6	LR025647	Coupling - Pump Drive	CUST STATES: THE VEHICLE HAS NO BRAKES. BRAKE PEDAL IS HARD. CHECKAND ADVISE.	VACUUM PUMP. CONFIRMED CUSTOMERS CONCERN OF BRAKE PEDAL BEING HARDTO APPLY. INSPECTED VACUUM PUMP AND FOUND IT NOT PRODUCING ANY VACUUM. REMOVED VACUUM PUMP AND FOUND THE COUPLER FOR THE PUMP BROKEN. INSPECTED FOR POSSIBLE CAUSES. FOUND VACUUM PUMP SEIZED.
432424A		11-Aug-14	32776	LAND ROVER BIRMINGHAM	205	3970610	IRONDALE	AL	35210	705019	GD2	LR025048	PLUG - OIL	C/S BRAKES HAVE NO POWER ASSIST.	TESTED VACUUM PUMP NO OUTPUT.REMOVED PUMP TO INSPECT:DRIVE GEAR IN INTAKE CAM BROKEN.DRILLED&EXTRACTED BROKEN DRIVE.CHANGED OIL&FILTER.RPL LOCKED UP VACUUM PUMP.CLEARED CODES & TEST DROVE.
842106D		20-Aug-15	37881	LAND ROVER DES MOINES	515	2708800	DES MOINES	IA	50325	705019	GB1	LR047384	Pump - Vacuum	CUST STATES BRAKE PEDDLE IS HARD AND WONT BRAKE AT SLOW SPEEDS ONLY	TEST DROVE AND FOUND BRAKE PEDAL EFFORT NORMAL DURING ANYTHING EXCEPT VERY SLOW SPEEDS. VACUUM PUMP INTERNAL FAILURE. REPLACED BRAKE VACUUM PUMP TEST DROVE OK
857739B		6-Dec-12	25593	LAND ROVER LARCHMONT/NEW ROCHELLE	914	6336777	NEW ROCHELLE	NY	10801	705019	GB6	LR039592	Pump - Vacuum	CLIENT RPEORTS THAT WHILE ON HIS COMMUTE THE BRAKE PEDAL BECAME STIFF. HARD AS A ROCK. NO BRAKES CURRENTLY	FAILED VACUM PUMP. 25583 VACUUM PUMP AND AUXILIARY SHAFT FOUND THEBRAKES TO BE ROCK HARD, CHECKED AND FOUND NO VACUUM GOING TO BOOSTER, CHECKED VACUUM PUMP AND FOUND TO NOT BE PRODUCING VACUUM, REMOVED PUMP AND FOUND TO BE SIEZED AND THE AUX SHAFT DRIVING
227368C		20-May-13	25515	LAND ROVER OKLAHOMA CITY	405	7499049	OKLAHOMA CITY	OK	73114	705019	GD2	LR047384	Pump - Vacuum	CUST STS THE BRAKE PEDAL IS HIGH AND HARD AND HAS NO BRAKE TOWED IN WORKED OK LAST TIME IT WAS DRIVEN THEN NOTHING WHEN STARED BACK UP	INSPECTED AND FOUND NO VAC TO BRAKE BOOSTER REPLACED VAC PUMP CAUSE: NO PRESSURE
127310F		15-Jul-15	43058	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB6	LR047384	Pump - Vacuum	DURING TEST DRIVE FOUND POWER BRAKES INOP	INSUFFICIENT PRESSURE FROM VAC PUMP. DURING TEST DRIVE FOR CONCERNON LINE A FOUND POWER BRAKES TO BE INOP. INSPECTED VEHICLE AND FOUND VERY LITTLE VACUUM AT THE BRAKE BOOSTER. CHECKED VACUUM PUMP FOR PROPER OPERATION. FOUND PUMP WAS WORKING BUT NOT PROPERLY. IT
133072A		10-Mar-16	28542	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB6	LR025647	Coupling - Pump Drive	CUST STATES: NO BRAKES. CHECK AND ADVISE. SEE HISTORY.T.A. [redacted]	INSPECTED VEHICLE FOR NO BRAKES CONCERN. FOUND VEHICLE DID HAVE BRAKES BUT NOT POWER BRAKES. THERE WAS NO VACUUM FOR THE BRAKE BOOSTER TO OPERATE PROPERLY. INSPECTED VACUUM PUMP FOR PROPER OPERATION. FOUND VACUUM PUMP NOT PRODUCING ANY VACUUM. REMOVED PUMP AND
083985A		20-Jul-15	48764	LAND ROVER WESTSIDE	216	3519999	CLEVELAND	OH	44129	705019	GE2	LR047384	Pump - Vacuum	CUSTOMER STATES TOW IN CLENT HAS A BRAKE CONCERN	CALLED FOR MORE INFOR DIAG ABS BRAKESNO VACUUM ASSIST REMOVED BOOSTER LINE WITH ENGINE RUNNING NO VACUUM AT PUMP REMOVED PUMP FOUND IT MCAME APART INTERNALLY REPLACED PUMP. VERIFY
177106A		28-Aug-15	48445	LAND ROVER NORTH SCOTTSDALE	480	5384100	PHOENIX	AZ	85054	705019	GB5	LR047384	Pump - Vacuum	WHEN YOU FIRST PUSH BRAKE PEDAL IT GOES STRAIGHT TO THE FLOO R AFTER YOU PRESS BRAKE FOR THE FIRST TIME WHICH IS HARD THEN WORKS NORMAL C/S	TESTED VACUUM AT SOURCE AND FOUND PUMP ONLY PRODUCING 7 7 POUNDS. REPLACED VACUUM PUMP AND RETESTED NOW PRODUCING 28 POUNDS. BRAKES ARE NOW OPERATING AS DESIGNED. VACUUM PUMP FAULTY INTERNALY.
347880D		6-Jun-15	42593	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE IS NOT STOPPING FEELS LIKE NO BRAKES CANTPRESS DOWN EWS	SDD FOR FAULT NONE REMOVED VACUUM PUMP ROTATED IT SEEMS HARD TO TURN REMOVED VALVE COVER WASHED DEBRIS IN HEAD AND CHECKED AND CLEANED OIL GALLEY FOR VACUUM PUMP REPLACED NEW PUMP, SEIZED, AND VALVECOVER GASKET, ROADTESTED DONESTTIME FOR DIAG
336018A		19-May-14	33343	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	C/S WHILE DRIVING HEARD A POP AND HAD NO MORE BRAKES	33343 CHECKED AND FOUND NO VACUUM ASSIST, CHECKED FOR VACUUM LEAKS, NO LEAKS FOUND, CHECKED VACUUM PUMP AND FOUND NO VACUUM, REPLACED VACUUM PUMP AND TESTED, BRAKES WORK AS DESIGNED NOW, CHECKEDFOR DTC'S NO DTC'S, CLEARED DONESTTIME TO TEST VAC PUMP SYST
347632B		29-May-15	42499	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES SO WHEN STOPPED IN TRAFFIC OR NOT MOVING BRAKES GET HARD AND CANT PRESS BRAKE DOWN LOW SPEED AND TRYING TO STOP	F. CHECKED VACUUM PUMP FOR VACUUM, NO GOOD, INTERNAL LEAK, REPLACED PUMP CHECKED OPERATION OK, DONE, CAUSE DIAPHRAGM OPENSTTIME TO DIAG
073246J		16-Mar-15	44360	LAND ROVER WAUKESHA	262	9705900	WAUKESHA	WI	53186	705019	GD2	LR047384	Pump - Vacuum	CARL NOTED BRAKES LOSE ASSIST POWER ON TEST DRIVE REPAIR	FOUND VACUUM OUTPUT WEAK AND PUMP NOISY, FAILED INTERNALLY,REPLACED AND TEST, OK NOW.
850783B		20-May-13	15092	LAND ROVER BUFFALO	716	8313100	WILLIAMSVILLE	NY	14221	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE WILL NOT BRAKE. CHECK AND ADVISE.	NO VACUUM IN PUMP. REPL P0UMP
024366E		27-Jun-14	45835	LAND ROVER PRINCETON	609	9217788	PRINCETON	NJ	8540	705019	AV4	LR047384	Pump - Vacuum	C/S THE BRAKES NEED TO BE DEPRESSED FIRMLY TO STOP, FEELS LIKE ITWILL NOT STOP. MOST OF THE TIME AT LOWER SPEEDS CHECK AND RPT BRAK	INTERNAL. [redacted]LOW MANIFOLD VACUUM AT LOW SPEED AFTER ENGINE IS HOT REPLACED THE ENGINE VACUUM PUMP
835752B		16-Jan-14	34717	LAND ROVER TAMPA	813	9302505	TAMPA	FL	33612	705019	GB6	LR047384	Pump - Vacuum	CUST. STATES: AFTER STARTING THE VEHICLE AND PRESSING THE BRAKE PEDAL TWICE, THE PEDAL IS HARD TO PUSH. DID NOT VERIFY THAT THE BRAKE PEDAL GOES TO THE FLOOR DURING ROAD TEST	BRAKE VACUUM PUMP HAD INTERNAL FAILURE. 34706 BRAKE VACUUM PUMP HAD INTERNAL FAILURE PERFORMED INSPECTION AND FOUND FAULTY BRAKE VACUUM PUMP. ORDERED AND REPLACED BRAKE VACUUM PUMP.

306755A	[redacted]	29-Oct-14	36388	LAND ROVER SAN FRANCISCO	415	7767700	SAN FRANCISCO	CA	94109	705019	GB2		LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS STILL VERY HARD AFTER PICKING VEHICLE UP LAST NIGHT. ESPECIALLY ON DOWN HILL AND PARALLEL PARKING. VERIFIED IN SERVICE DRIVE.	FOUND INTERMITTENT ISSUE W/BRAKE PEDAL. VACUUM PUMP ONLY PUTTING OOUT 25INHG, CHECKED READINGS AT END OF LINE GOING TO BOOSTER, GETTING 25INGH INDICATING VALVE IS OK, COMPARED READINGS TO A KNOWN GOOD CAR AND FOUND THE OTHER CAR WAS PUTTING OUT 30INHG AT
100488A		14-Jul-14	26899	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118	705019	GD2		LR047384	Pump - Vacuum	TOW IN CUSTOMER STATES VEHICLE WILL STOP BRAKES ARE NOT WORKING, CHECK AND ADVISE	VACUUM PUMP HAS NO VACUUM. DEFECTIVE. REPLACED VACUUM PUMP.
098931D		8-Jun-15	24502	LAND ROVER ORLANDO	407	6959100	ORLANDO	FL	32810	705019	GD1	P0016	LR056374	Camshaft	CUSTOMER STATES VEHICLE BRAKES ARE HARD TO PRESS, VEHICLE WOULD NOT ALLOW TO BRAKE.08.11.15 OIL SUBLET CASTROL.	REPLACE CAMSHAFT, VACUUM PUMP SPROCKET, VACUUM PUMP. REASSEMBLED FOUND TIMING HAD JUMPED. RETIMED TIMING CHAIN. TIMING JUMPED AGAIN.REPLACED TENSIONER RETIMED ENGINE. FOUND P0016 CODE AGAIN AFTER DRIVING. RETIMED ENGINE AGAIN INSTALLED ALL NEW WASHERS FOR CAMSHAFTS
112127A		27-Apr-15	33123	LAND ROVER THOUSAND OAKS	805	2673600	WESTLAKE VILLAGE	CA	91362	705019	GB6		LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL WENT HARD AND HE HAD TO STOMP ON BRAKETO STOP. *EMAIL SCAN OF REPAIR ORDER WITH PUNCH TIMES TO LIA, 06/10/15.	INTERNAL FAILURE BRAKE BOOSTER PUMP SEIZED INTERNALLY AND BROKE OFPUMP DRIVE UNIT. NOTED BRAKE PEDAL HARD TO PUSH. WITH ENGINE RUNNING TECH REMOVED VACUUM HOSE FROM PUMP NO VACUUM FROM PUMP, REMOVEDPUMP AND FOUND PUMP DRIVE UNIT BROKEN WITH PIECE STILL
340301A		20-Feb-16	22704	LAND ROVER BUCKHEAD	404	2614400	ATLANTA	GA	30305	705019	GB6		LR052351	Coupling - Pump Drive	CUSTOMER STATES THE BRAKE PEDAL IS VERY HARD TO PRESS EMAILED 3.9.16	INOP. INSPECTED & DIAG BRAKE PEDAL VERY HARD TO PRESS/FOUND BRAKEPEDAL WITH NO ASSIST WHEN PRESSED/CHECKED VACUUM PUMP FOR BRAKE BOOSTER & LINES/FOUND NO OUTPUT VACUUM FROM VACUUM PUMP AT END OF ENG/REMOVED VACUUM PUMP FROM END OF ENG/FOUND VACUUMED PUMP
065521B		8-Jun-15	20143	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GB6		LR025647	Coupling - Pump Drive	CUST STATES WHILE DRIVING THIS MORNING BRAKE PEDAL WAS STIFF AND VEHICLE DID NOT STOP ON TIME PLEASE CHECK AND ADVISE	F. CHECKED FOR VACUUM AT PUMP TO BRAKE BOOSTER FITTING. NO VACUUM.REMOVE VACUUM PUMP. PUMP SEIZED AND BROKE PUMP DRIVE COUPLER STUDINSIDE REAR OF CAMSHAFT. REMOVE VALVE COVER. DRILL OUT BROKEN STUDHALF FROM INSIDE OF FRONT CAMSHAFT END. THREAD NEW
014923A		27-Nov-15	41821	LAND ROVER SAN JUAN TEXAS	956	7028888	SAN JUAN	TX	78589	705019	GB6		LR047384	Pump - Vacuum	CUST.STATES BRAKE PEDAL HARD AND HARD TO STOP	DIAGNOSED VEHICLE. REPLACED WORN BRAKE BOOSTER VACUUM PUMP AND REPLACED BROKEN VACUUM PUMP DRIVE. DRILLED OUT BROKEN VACUUM PUMP DRIVE STUD FROM INTAKE CAMSHAFT
099546F		25-Aug-15	22311	LAND ROVER FARMINGTON HILLS	248	4749900	FARMINGTON HILLS	MI	48335	705019	GB6		LR047384	Pump - Vacuum	C/S THE BRAKES FEEL AS IF THEY HAVE TO BE PRESSED TO HARD TO STOPLATELY.	VACUUM PUMP NOT PRODUCING ENOUGH SUCTION. VERIFEID CUST CONCERN, FOUND VERY HARD PEDAL, TESTED PUMP AND FOUND IT PRODUCING VACUUM, TESTED LINES AND FOUND THEM TO BE HOLDING PRESSURE, TESTED BRAKE BOOSTER AND FOUND IT NOT TO HOLD ANY PRESSURE. REPLACED BAREK
010801A		28-Apr-17	41562	LAND ROVER WEST CHESTER	610	4360600	WEST CHESTER	PA	19382	705019	GB6		LR066543	Tensioner - Timing Chain	CUSTOMER STATES BRAKE PEDAL GOES TO FLOOR	BROKEN VAC. PUMP BOLT IN CAM. BRAKE PEDAL TO FLOOR, CHECKED FLUIDOK, CHECKED FOR CODES , P0026 INTAKE VALVE CONTROL CIRCUIT RANGE/PERFORMANCE. REMOVED VACCUM PUMP AND FOUND VACCUM PUMP DRIVE BOLT BROKEN IN CAM SHAFT. FOUND VACCUM PUMP SIEZED. REPLACED CAM
086287B		20-Jun-16	23807	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GD2		LR052351	Coupling - Pump Drive	CLIENT STATES THE BRAKE PEDAL IS VERY HARD TO DEPRESS AND THE VEHICLE IS NOT STOPPING.	DIAG TOW IN BRAKES HARD , WITH FOREMAN WE FOUND NO VACUUM ASSISTANCE , WE FOUND VACUUM PUMP INOP/ SEIZED, , WE FOUND BROKEN COUPLERFROM ENGINE CAM TO SEIZED PUMP, BOLT BROKEN OFF IN CAM , WE USED LEFT HANDED EXTRACTOR'S TO REMOVE BROKEN BLOT INSIDE
217312A		1-Mar-16	23752	HORNBURG LAND ROVER SANTA MONICA	310	7525100	SANTA MONICA	CA	90404	705019	GD2		LR052351	Coupling - Pump Drive	CUST STATES THAT THE BRAKES DO NOT RESPOND, HAS NO BRAKES, CHECK AND ADVISE	VERIFIED COMPLAINT, DISCONNECTED VACUUM PUMP LINE AND CHECKED FORSUCTION, NONE FOUND. RR VACUUM PUMP AND FOUND VACUUM PUMP SIEZED AND DRIVE BOLT SHEARED IN CAM SHAFT. NECESSARY TO DRILL OUT AND EXTRACT FAILED BOLT. REPLACED BOLT AND VACUUM PUMP, ROAD TESTED, ALLOK.
247403A		15-Oct-15	24349	LAND ROVER MINNEAPOLIS	763	2222200	GOLDEN VALLEY	MN	55426	705019	GB1		LR025647	Coupling - Pump Drive	CUSTOMER STATES BRAKE PEDAL HARD TO APPLY/ PUSH IN	FOUND NO VACUUME TO BRAKE BOOSTER REMOVED VACUUME PUMP AND FOUND SIEZED. ALSO FOUND PUMP DRIVE ADAPTOR BROKEN OFF INSIDE CAMSHAFT. REMOVED COMPONENTS AS NESSISARY TO ACCESS BROKEN BOLT IN CAMSHAFT AND DRILL OUT TO REMOVE. REMOVED BROKEN BOLT AND INSTALL NEW
262107D		20-Jan-17	37532	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GD1		LR027255	Clip	CHECK BRAKES	SEIZED. BRAKE PEDAL HARD CHECK AND FOUND NO VACUUM FROM PUMP. REMOVE PUMP FOUND COUPLING BROKE DUE TO SEIZED. PERFORM EXTRACTION OFTHE REMAINING PIECE OF COUPLING. UNABLE TO EXTRACT BROKEN PIECE. REPLACE INTAKE CAMSHAFT, VACUUM PUMP AND COUPLING.
237686G		5-Sep-14	22435	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GB2		LR047384	Pump - Vacuum	CUSTOMER STATES BRAKES ARE VERY HARD TO PRESS. HAS TO PRESS VERY HARD FOR VEHICLE TO STOP	CLOG. CHECKED FOUND SYSTEM HAS NO VACUUM TRACE FOUND PUMP CLOGGEDREPLACE VACUUM FOR BRAKE SYSTEM.
415548F		11-Apr-16	35578	LAND ROVER HOUSTON NORTH	832	2492000	HOUSTON	TX	77090	705019	GB6		LR025306	Filter - Oil	CLIENT STATES BRAKE PEDAL IS HARD BUT HAS NO BRAKE POWER	NO VACUUM. VERIFIED NO BRAKE ASSIST. DROVE VEHICLE INTO SHOP AND PERFORMED INSPECTION. FOUND VACUUM PUMP TO HAVE NO VACUUM. REMOVEDVACUUM PUMP AND FOUND INTERNAL MECHANICAL FAULT WITHIN THE PUMP. REMOVED VACUUM PUMP AND REPLACED. PERFORMED OIL
085686A		11-Jun-16	38546	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GD2		LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL WOULD NOT GO DOWN WHEN TRYING TO BRAKE. CUSTOMER HAD TO PRESS EXTREMELY HARD TO FINALLY SLOW DOWN.**FAXED REQUESTED DOCS 6/21	VACUUM PUMP SIEZED AND DRIVE COUPLER BROKEN. VERIFY CONCERN VEHICLE HAD HARD BRAKE PEDAL WITH WHAT FEELS LIKE NO POWER ASSIST, CHECKFOR VACUUM AT BRAKE BOOSTER AND FOUND NONE, REMOVE VACUUM PUMP ANDFOUND THAT PUMP SEIZED AND DRIVE COUPLING SNAPPED OFF INSIDE

120009A	[redacted]	12-Jul-16	47225	LAND ROVER ANNAPOLIS	410	3498090	ANNAPOLIS	MD	21409	705019	GD2		LR047384	Pump - Vacuum	CLIENT REPORTS BRAKES DONT WORK ON START UP HAVE TO REV UP ENGINE BEFORE THEY WORK.	VACUUM PUMP FAILED. DIAG AND REPLACE VACUUM PUMP.
006260B		26-May-15	43124	LAND ROVER TULSA	918	6654294	TULSA	OK	74145	705019	GB2		LR047384	Pump - Vacuum	CUST STATES BRAKES ARE REALLY MUSHY	REPLACED VACUUM PUMP AND RETESTED BRAKE PEDAL NORMAL ROAD TESTED M/O [redacted]
168950A		31-Jan-15	24739	LAND ROVER HINSDALE	630	3259955	HINSDALE	IL	60521	705019	GD2		LR047384	Pump - Vacuum	CUST STATES BRAKE LIGHT ON AND VEHICLE HAS NO BRAKES (BE CAREFUL)/TOWED IN	REPLACE VACUUM PUMP. I PERFORMED BRAKE SYSTEM DIAG. I CHECKED FORRELATED STARED ABS FAULTS, NO RELATED FAULTS WERE STORED. I FOUNDTHAT BRAKE VACUME BOOSTER PUMP HAS INTERNAL FAILURE. I REPLACED PUMP
348304A		22-Jun-15	20099	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6		LR047384	Pump - Vacuum	VEHICLE TOWED TO SHOP.....BRAKES FAILED WHILE DRIVING	F. DIAGNOSE AND REPLACE DEFECTIVE VACUUM PUMP, SEIZED, OIL PORT TOPUMP RESTRICTED. CLEAR PORT. STTIME TO CLEAR RESTRICTED OIL PORT.
077718A		26-Jan-16	38177	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GD2		LR025306	Filter - Oil	C/S TOWED BACK IN FOR SAME CONCERN VEHICLE LOST BRAKE ASSIST PEDAL HARD AND VEHICLE IS VERY HARD TO STOP SEE LAST VISIT (TOWED IN)	VACCUM PUMP FAILURE. CHECK AND FOUND VACUUM PUMP FOR BRAKE BOOSTERINOP, FOUND NO VACUUM COMING FROM PUMP, REMOVE PUMP AND ALSO REMOVE VALVE COVER TO ACCESS DRIVING SPLINE, CONSULT FORMAN AND NO SIGNS OF ANY OTHER DAMAGE, SUBMIT TA CASE# [redacted] SEND PICTURES,
326673A		7-May-15	29349	LAND ROVER SUDBURY	508	6508822	SUDBURY	MA	1776	705019	GB6		LR047384	Pump - Vacuum	VEHICLE TOWED IN CUSOTMER STATES THE BRAKE PEDAL IS HARD TO EPRESS AND THE CAR WILL NOT STOP CHECK AND ADVISE	VACUUM PUMP FOR BRAKED FAILED. CONFIRMED THE CUSTOMER CONCERN. VEHICLE HAD NO BRAKING VACUUM ASSIST. INSPECTED VACUUM PUMP AND HOSESGOING TO BRAKE SYSTEM MASTER CYLINDER. NO DAMAGE WAS FOUND AT THEHOSE. REMOVED VACUUM HOSE FROM VACUUM PUMP AND STARTED
099562A		28-Aug-15	31651	LAND ROVER ORLANDO	407	6959100	ORLANDO	FL	32810	705019	GA1		LR025647	Coupling - Pump Drive	CUSTOMER STATES NEED TO PUSH BRAKE VERY HARD TO STOP.	INTAKE CAM SHAFT VAC PUMP DRIVE BOLT BROKEN IN CAM CUSTOMER STATES THAT THERE IS NO BRAKE,BRAKE PEDQAL FIRM AND DELAY RESPONSE, BRAKE FLUID OK,VACUM PUMP WITH ENGINE ON IDLE, NO VAC PRESSURE FROM HOUSE, REPLACED INTAKE CAM SHAFT,UNABLE TO REMOVE BROKEN BOLT,
092174B		8-May-15	38769	LAND ROVER WILLOW GROVE	215	9569200	WILLOW GROVE	PA	19090	705019	GB6		LR047384	Pump - Vacuum	C/S HAS NO BRAKE PEDAL.....EXTREMELY HARD TO PRESS	F. C/S CHECK BRAKE PEDAL VERY HARD. FOUND VEHICLE HAD NO POWER BRAKE ASSIST. STARTED VEHICLE WITH HOSE REMOVED FROM VACCUM PUMP. FOUND PUMP PRODUCING NO VACUUM. REMOVED THE VACUUM PUMP. FOUND VACUUMPUMP SIEZED AND BROKE OFF COUPLER ON THE END OF THE CAMSHAFT. REMOVED
254471B		21-May-16	30920	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GB6		LR047384	Pump - Vacuum	C/S WHEN YOU STEP ON THE BRAKES IT DOESNT STOP	SEZIE. 99P COMPLETED99P COMPLETEDREMOVE SERVO PUMP FOUND BROKEN AND SEIZE AT FLANG BOLT AT CAM SHAFT DRILL OUT AND REMOVE FANG BOLTREPLACE BOLT TORT TO 40 FOOT POUNDS INSTALL NEW PUMP
132238A		15-Sep-17	41101	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118	705019	GB2	Pass	LR047384	Pump - Vacuum	TOW IN FOR THE CAR NOT BEING ABLE TO BUILD BRAKE PEDAL PRESSURE AND NOT STOPING. CHECK AND ADVISE	FAILED BRAKE VACUUM PUMP, PRINT OUT ATTACHED. DRIVE IN PERFORMED CODE SCAN AND MANUAL DIAGNOSIS. REPLACED BRAKE SYSTEM VACUME PUMP,REASSEMBLED VEHICLE AND VERIFIED REPAIRS ON TEST DRIVE .
166059A		29-Apr-14	20743	LAND ROVER ST. LOUIS	314	9198232	CREVE COEUR	MO	63141	705019	GD2		LR025647	Coupling - Pump Drive	CUSTOMER STATES BRAKE FLUID LOW LIGHT CAME ON AND BRAKES HAVE TO BE HELD TO THE FLOOR TO STOP	R AND R VACUME PUMP AND COUPLING. 20743 VERIFIED COMPLAINT. FOUNDFLUID LOW DUE TO BRAKE PADS WORN. CHECKED AND NO BRAKE FLUID LEAKS. FOUND NO POWER BRAKE ASSIST. CHECKED AND FOUND NO VACUUM FROM VACUUM PUMP TO BRAKE BOOSTER. REMOVED VACUUM PUMP AND
324328A		20-Feb-15	22200	LAND ROVER RANCHO MIRAGE	760	3467683	RANCHO MIRAGE	CA	92270	705019	GB6		LR047384	Pump - Vacuum	CLIENT STATES WHILE DRIVING AT FREEWAY SPEEDS,BRAKE PEDAL HARDENEDUP, AND WOULD NOT BRAKE, VERY STIFF PEDAL, CLIENT PULLED OVER ANDCALLED AAA FOR TOW.	PUMP SEIZED. VERIFIED; PERFORM BRAKE ASSIST DIAG. FOUND VACUUM PUMP NOT CREATING VACUUM; RENEW VACUUM PUMP; FOUND VACUUM PUMP DRIVEADAPTOR BROKEN; R+R AIR FILTER BOX AND INDUCTION HOSE FOR ACCESS;R+R BATTERY BOX FOR ACCESS; DREMEL HOLE IN TO BROKEN BOLT AND
180909H		25-Apr-17	45140	LAND ROVER BLUFF CITY	901	8449400	MEMPHIS	TN	38119	705019	GB2		LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL SPONGY OR TAKES ADDITIONAL EFFORT TO STOP	BRAKE BOOSTER VACUMN PUMP INTERNAL SHAFT LOCKING UP AT TIME CAUSEN CAMSHAFT COUPLING STUD TO BRAKE OFF INSIDE OF CAMSHAF T,WAS NECESSARY TO REMOVE BROKEN STUD. (STRAIGHT TIME) R/R BRAKE BOOSTER VACUUMN PUMP AND COUPLING
108632B		10-Oct-16	45630	LAND ROVER ORLANDO	407	6959100	ORLANDO	FL	32810	705019	GB2		LR025647	Coupling - Pump Drive	C/S NO WARNING ON DASH, BRAKES ARE NOT WORKING WHEN PRESSED	VACUUM PUMP WAS LOCKED UP CAUSING NO POWER BRAKE ASSIT. ALSO VACUUM PUMP COUPLER THAT GOES INTO CAM SHAFT WAS BROKEN. HAD TO REMOVEVALVE COVER ASSEMBLY INORDER TO RENOVE BROKEN STUD OUT FORM CAM SHAFT AND REPLACE VACUUM PUMP COUPLER INORDER FOR THE VAUUM
400580A		19-Apr-16	30982	COLE EUROPEAN	925	9352653	WALNUT CREEK	CA	94596	705019	GB6		LR047384	Pump - Vacuum	TOW IN CUSTOMER STATES POWER BRKAES IN OP CHECK AND ADVISE	VACUUM PUMP INTAKE PORT CONTAMINATED,REPLACE BRAKE VACUUM PUMP.
304607B		23-Apr-14	25183	LAND ROVER PALM BEACH	561	2097000	WEST PALM BEACH	FL	33411	705019	GD2		LR025305	Spacer - Camshaft	CUSTOMER STATES BRAKE PEDAL IS VERY HARD TO PRESS DOWN	INTERNAL FAILURE. [redacted] BRAKE VACUUM PUMP SEIZED PERFORM DIAGNOSTIC FOUND NO VACUUM TO BRAKE SERVO. TRACE FAILURE TO BROKEN CAMSHAFTDRIVE. REPLACE INTAKE CAMSHAFT. REPLACE BRAKE VACUUM PUMP. CLEAR AND RESET ADDAPTIONS. ROAD TEST NO FAULTS. TA # [redacted]

336527A	[redacted]	5-Jun-15	21548	LAND ROVER CINCINNATI	513	7911000	BLUE ASH	OH	45242	705019	GD2	LR047384	Pump - Vacuum	TOWED IN, CUST STATES THE BRAKES WENT OUT	REPLACE PUMP FOUND SEIZED AND CAUSED DRIVE ADAPTER TO BREAK EXCESSTIME TO REMOVE DRIVE ADAPTER. TRACED CONCERN BACK TO NO VACUUM ASSIST DUE TO FAILED VACUUM PUMP WHICH SEIZED UP AND CAUSED DRIVE ADAPTER FROM INTAKE CAM SHAFT TO BREAK OFF IN CAM SHAFT. HAD TO EXTRACT
253622B		22-Apr-16	14237	LAND ROVER MINNEAPOLIS	763	2222200	GOLDEN VALLEY	MN	55426	705019	GD2	LR047384	Pump - Vacuum	TOWED IN CUSTOMER STATES EXITING FROM HWY GOING DOWN A HILL AND LOST BRAKES!!! NO WARNING LIGHTS PRIOR TO THIS...C/S:	FOUND NO BRAKE POWER BOOST. FOUND BAD VACUUM PUMP. FOUND PUMP FAILED DUE TO POOR LUBRICATION. FOUND OIL HAD NEVER BEEN CHANGED. FOUND ASSEMBLY LINE FILTER STILL INSTALLED AND ASSEMBLY LINE OIL STILL IN ENGINE. FOUND OIL VERY LOW AND BLACK AND TAR LIKE. REPLACED VACUUM
089245A		25-Nov-14	33458	LAND ROVER HARRISBURG	717	9396600	HARRISBURG	PA	17111	705019	GB6	LR025647	Coupling - Pump Drive	C/S THE BRAKE PEDAL IS VERY HARD, MUST PUSH VERY HARD ON PEDAL TOSTOP	VACUUM PUMP IS LOCKED TIGHT, BROKE RAER GEAR ON CAM SHAFT. SDD CHECKED FOR ANY BRAKE RELATED FAULTS, NONE APPLY, NO VACUUM TO BRAKEBOOSTER, REMOVED & FOUND VACUUM PUMP TO BE LOCKED TIGHT & BROKE GEAR ON BACK OF CAM SHAFT, DRILLED & REMOVED BROKEN BOLT FROM CAM
304791H		7-Jun-16	31970	LAND ROVER MONMOUTH	732	8692500	OCEAN	NJ	7712	705019	GB6	LR047384	Pump - Vacuum	FOUND BRAKE PEDAL LOW AND NO VACUUM ASSIST 6 22 16 836AM	FOUND BRAKE PEDAL HARD TO PUSH . INSPECTED TO FIND NO VACUUM AT VACUUM PUMP. REPLACED PUMP AND INSPECTED DRIVE GEAR. REPLACED VACUUM PUMP. ROAD TESTED AND VERIFIED REPAIR.
110332A		3-Apr-15	23716	LAND ROVER ANNAPOLIS	410	3498090	ANNAPOLIS	MD	21409	705019	GB1	LR047384	Pump - Vacuum	C/S BRAKE PEDAL IS STIFF.	TECH FOUND NO VACUUM TO BRAKR BOOSTER, NO VACUUM PUMP OPERATION. REMOVED VACUUM PUMP. PUMP SEIZED AND BROKE OFF DRIVE GEAR. TECH HAD TO DRILL OUT BROKEN DRIVE GEAR IN BACK OF CAM SHAFT AND REPLACE DRIVE GEAR AND VACUUM PUMP. STRAIGHT TIME FOR DRILLING BOLTS
339172A		13-Jun-14	23711	LAND ROVER ENCINO	818	9909870	ENCINO	CA	91436	705019	GB6	LR047384	Pump - Vacuum	CUST STATES THAT THE BRAKE PEDAL IS VERY HARD AND IS DIFFICULT TOBRAKE, CUST SAYS IT ACTS LIKE THERE IS 'NO BRAKES'. CHECK AND ADVISE	BRAKES REQUIRE EXTRA EFFORT TO STOP. 23709 VACCUM PUMP MECHANISM MALFUNCTION PERFORMED SYSTEM DIAGNOSIS , DUPLICATED CUSTOMERS CONCERN, NO RELATED FAULT CODES STORED , TRACED PROBLEM TO VACUUM PUMPMECHANISM MALFUNCTION , REPLACED
349873D		11-Aug-15	20339	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL GETS HARD INTERMITTENTLY	VACUUM PUMP RESTRICTED. INSTALLED NEW BRAKE BOOST VACUUM PUMP.
211657C		27-Dec-13	11417	LAND ROVER MONMOUTH	732	8692500	OCEAN	NJ	7712	705019	GB6	LR025647	Coupling - Pump Drive	VEHICLE TOWED IN HAS NO BRAKES	VERIFIED COMPLAINT. SDD FOR CONCERN NO RELEVANT CODES. CHECKED FOR VACUMN TO BRAKE BOOSTER NO VACUMN NOTED. REMOVE VACUMN PUMP TO INSPECT. FOUND VACUMN PUMP JAMMED AND DRIVE BROKEN AT CAMSHAFT. DRILL AND EXTRACRTED BOLT. REPLACED VAUMN PUMP AND
112303D		4-May-15	33242	LAND ROVER THOUSAND OAKS	805	2673600	WESTLAKE VILLAGE	CA	91362	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS HARD TO PUSH	PARTS WARRANTY FAULTY BRAKE BOOSTER VACUUM PUMP 112127 4/27/15. NOTED VERY LOW VACUUM FROM BRAKE BOOSTER PUMP, REPLACED PUMP. TESTBRAKE PEDAL. WORKING TO SPEC
064963B		28-Dec-15	49094	LAND ROVER MONROEVILLE	412	3736071	MONROEVILLE	PA	15146	705019	GB2	LR052351	Coupling - Pump Drive	NOTED AT WRITE UP: BRAKE PEDAL GOES TO THE FLOOR WHEN TRYING TO STOP. INSPECT AND ADVISE.	REPLACE BRAKE VACUUM PUMP AND DRIVE COUPLER. DIAGNOSE BRAKING ISSUE(NO BRAKE ASSIST). FOUND BRAKE VACUUM PUMP SEIZED AND SHEARED OFDRIVE COUPLER. EXTRACTED DRIVE COUPLE STUD FROM CAMSHAFT, REPLACEDDRIVE COUPLER AND BRAKE VACUUM PUMP.
149950A		19-Mar-16	43254	LAND ROVER GREENVILLE	864	2887575	GREENVILLE	SC	29607	705019	GB2	LR047384	Pump - Vacuum	CLIENT STATES THAT BRAKE PEDAL MUST BE PUSHED VERY HARD TO BARKE VEHICLE SEE HISTORY SIMILAR ISSUE FOUND ON TWO OTHER TIMESOPRIATELY. CHECK ENGINE LIGHT IS ON	F. REPLACED VACUUM PUMP.
551024C		14-Oct-16	31047	LAND ROVER PASADENA	626	7952995	PASADENA	CA	91107	705019	GB2	LR047384	Pump - Vacuum	CUTOMER STATES THAT THERE IS NO PUMP ON THE BRAKE PEDAL CHECK AND ADVISE	CHECK BRAKES, CHECK BOOSTER AND ALL RELATED COMPONANTS. FOUND VACUUM PUMP NOT PUMPING.REPLACED VACUUM PUMP. VACUUM PUMP INOP,INTERNAL FAULT NOTE NEW PUMP COMES W/NEW SEAL
060713B		17-Aug-15	44537	LAND ROVER MONROEVILLE	412	3736071	MONROEVILLE	PA	15146	705019	EF1	LR025647	Coupling - Pump Drive	CUSTOMER STATES THAT VEHICLE WAS TOWED IN DUE TO BRAKES HAVING TOBE FULLY PRESSED TO THE FLOOR TO STOP THE VEHICLE COULD BE POSSIBLE BRAKE BOOSTER CHECK AND ADVISE	REPLACE BRAKE VAC PUMP & DR UNIT. DIAGNOSE NO BRAKE ASSIST CONDITION. FOUND VACUUM PUMP HAD SEIZED. DRIVE UNIT SHEARED OFF. EXTRACTED BROKEN STEM OF DRIVE UNIT FROM INSIDE CAMSHAFT. REPLACED DRIVE UNIT AND VACUUM PUMP. VERIFIED PROPER BRAKE OPERATION.
119203A		12-Jul-17	49142	LAND ROVER CHANTILLY	703	6794000	CHANTILLY	VA	20151	705019	GD2	LR024316	Clip	CUSTOMER STATES BRAKES ARE NOT WORKING. HAVE TO STEP HARD ON BRAKES AND TAKES VERY LONG TIME TO STOP.	PERFORM DIAGNOSTIC TESTING. FOUND THERE WAS NO VACUUM PRESENT AT BRAKE BOOSTER. FOUND VACUUM PUMP SEIZED AND BOLT BROKEN AT END OF CAMSHAFT. DILLED OUT BOLT. REPLACE VACUUM PUMP. TEST DRIVE. ALL OK AFTER REPLACEMENT. [redacted]
092136A		4-Oct-16	42065	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE HAS NOT BRAKES	FELT BRAKE PEDAL IS EXTEMELY HARD. CHECKED FOR VACUUM AT THE BRAKE BOOSTER. 0 HG VACUUM. REMOVED THE VACUUM PUMP. TRY TO TURN VACUUM PUMP. FOUND SEIZED. FOUND BROKEN DRIVE BOLT. WHICH DRIVES THE IMPELLER. ON THE EXHAUST CAMSHAFT.
243297F		12-Apr-15	23287	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GB3	LR047384	Pump - Vacuum	WHILE PERFORMING ROAD TEST TECH FOUND VEHICLE DOES NOT STOP IMMEDIATELY WHEN APPLYING BRAKES.	PUMP INOP. CHECK BRAKING SYSTEM & BRAKE BOOSTER FOUND VACUUM PUMPNOT WORKING CORRECTLY. REMOVE & RENEW VACUUM PUMP & RECHECK BRAKING SYSTEM.

182318B	[redacted]	11-Jun-15	41467	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GB6	LR033983	Tube	TECHLINE CASE# NOT REQUESTED. FAXED RO & PUNCHES ON 8/28/15. IS THERE ANYTHING WE CAN DO TO GET THIS PAID? THANKS MICHELLE 8/28/15. CUSTOMER STATES TOW IN. CAR WOULD NOT STOP. BRAKE PEDAL	1.0 SHOP TIME TO CK CONDITION OF BRAKES, CK FOR FROZEN CALIPERS, CK VACUUM TO BRAKE PUMP FOUND NO VACUUM TO BRAKE PUMP REMOVED VACUUM PUMP FOUND BROKEN ADAPTER BETWEEN CAM AND PUMP 6.0 SHOP TIME TO R&I VALVE COVER FOR ACCESS, R&I TIMING COVER, R&I BELT &
161999F		3-Sep-15	34670	LAND ROVER PEABODY	978	5359200	PEABODY	MA	1960	705019	GB6	LR047384	Pump - Vacuum	CUST STATES INTERM WHEN IN REVERSE BRAKES SEEM TO GO TO LOW AND REQUIRES A LOT OF PRESSURE TO TRY AND STOP	42. DROVE VEHICLE FOUND CUSTOMER COMPLAINT NEEDS VACUUM PUMP. DIAGNOSED FAILED VACUUM PUMP. REPLACED VACUUM PUMP AND VERIFIED PROPEROPERATION.
251721B		20-Feb-16	27070	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GB2	LR047384	Pump - Vacuum	C/S BRAKE PEDDLE IS HARD	BROKEN. REMOVE BROKEN VACUUM PUMP DRIVE FLANGE BOLT INSIDE OF CAMSHAFT DUE TO METAL FATIGUE, REPLACE NEW DRIVE & VACUUM PUMP.
103666A		13-May-14	26286	LAND ROVER ANNAPOLIS	410	3498090	ANNAPOLIS	MD	21409	705019	GB5	LR025647	Coupling - Pump Drive	C/S VEHICLE HAS NO BRAKES.	TECH FOUND NO VACUUM FROM PUMP TO BRAKE BOOSTER, FOUND PUMP GRENADED INTERNALLY AND DRIVE ADAPTER ON BACK OF CAMSHAFT BROKEN. REPLACE PUMP AND REMOVE PIECES OF BROKEN DRIVER GEAR FROM CAMSHAFT.
080490K		9-Jul-15	24513	LAND ROVER NORWOOD	781	6199000	NORWOOD	MA	2062	705019	GB6	LR047384	Pump - Vacuum	TECH NOTICED AND SERVICE MANAGER INSPECTED AND APPROVED REPAIR FORHARD BRAKE PEDAL	BRAKE VACUUM PUMP FAILURE. HAD ROCK HARD BRAKE PEDAL CHECK FOR VACUUM LEAK TO POWER BOOSTER OK CHECK VACUUM PUMP NOISE COMING FROM VACUUM PUMP. ORDER PUMP R+R VACUUM PUMP.
117974A		31-May-14	24918	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB2	LR025647	Coupling - Pump Drive	CUSTOMER STATES: BRAKES FOR VEHICLE NOT WORKING PROPERLY PEDAL FEELS STIFF AND DIFFICULT TO BRAKE	VACUUM PUMP. 24918 BRAKES DO NOT WORK VERY WELL. PEDAL IS VERY HARD. SUSPECT INTERRUPTION OF VACUUM TO THE POWER BOOSTER. CHECK VACUUM LINE FOR LEAKS, OK. REMOVED VACUUM LINE FROM VACUUM PUMP, FOUNDVACUUM PUMP DOES NOT PRODUCE VACUUM. SOP VACUUM PUMP.
359905A		6-Jun-16	26248	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE NOT STOPPING PROPERLY WHEN SLOWLY BRAKING.KEEPS ROLLING FOR A FEW SECONDS BEFORE STOPPING	CHECKED AND FOUND VACUUM PUMP NOT PRODUCING VACUUM FOR POWER BRAKES CAUSING A HARD PEDAL INSTALLED NEW PUMP AND PEDAL BACK TO NORMAL
900344A		23-Aug-16	20281	LAND ROVER LARCHMONT/NEW ROCHELLE	914	6336777	NEW ROCHELLE	NY	10801	705019	GB5	LR047384	Pump - Vacuum	CLIENT REPORTS HAVE TO PRESS BRAKES VERY HARD TO ENGAGE. PREVIOUSLY WAS AT LANDROVER HUNTINGTON AND REPLACED BRAKE PADS. PLEASE CHECK AND ADVISE	C/S HAVE TO PRESS BRAKE EXECESSIVE TO BRAKE VACUUM PUMP MALFUNCTION REPLACE VACUUM PUMP.
341997B		29-Jul-17	46200	LAND ROVER PALM BEACH	561	2097000	WEST PALM BEACH	FL	33411	705019	GD2	LR047384	Pump - Vacuum	CAR TOWED IN .... BRAKE BOLT SNAPPED CAR HAS NO BRAKES	CHECKED VACUUM AT PUMP AND FOUND NONE. REMOVED VACUUM PUMP AND INSPECTED. FOUND THAT VACUUM PUMP HAS FAILED INTERNALLY CAUSING IT TOLOCK UP AND SNAP CAM GEAR END OFF. REMOVED VALVE COVER FOR ACCESSHAD TO DRILL PIECE OF BOLT OUT OF CAM. REPLACED VACUM GEAR SEIZED. FOUND VEHICLE DID NOT HAVE VACUUM
018376A		8-Jan-16	20984	LAND ROVER SOUTHWEST HOUSTON	713	5963000	HOUSTON	TX	77074	705019	GB1	LR047384	Pump - Vacuum	CUSTOMER STATES THAT THE BRAKES FAILED AAND THE VEHICLE IS VERY DIFFICULT TO STOP.	ASSIST FOR THE BRAKE PEDAL REMOVED HOSE OFF THE THE VACUUM PUMP TO SEE IF THERE IS VACUUMAND FOUND THERE WAS NO VACUUM AT THE PUMP REMOVED VACUUM PUMP ANDFOUND THE VACUUM PUMP IS SEIZED AND FOUND THE COUPLING FOR THE FOUND BRAKE PEDAL GETS STIFF WHEN IN STOP AND
024227A		7-Nov-16	45515	LAND ROVER SOUTHWEST HOUSTON	713	5963000	HOUSTON	TX	77074	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES: WHEN THERE IS STOP AND GO TRAFFIC THE BRAKE PEDALIS VERY STIFF AND HARD TO STOP AT TIMES SEE SERVICE ADVISOR	GO TRAFFIC. DID NOTFIND ANY RELEVANT FAULT CODES. FOUND INSUFFICIENT VACUUM WAS BEINGPRODUCED BY VACUUM PUMP FOR THE BRAKE BOOSTER CAUSING BRAKE PEDALTO GET STIFF.
176074D		13-May-16	23727	LAND ROVER HINSDALE	630	3259955	HINSDALE	IL	60521	705019	GB1	LR047384	Pump - Vacuum	FOUND DURING SAFETY INSPECTION BRAKE PEDAL EXCESSIVELY HARD TO PRESS & BRAKING POWER INSUFFICIENT	REPLACED VACUUM PUMP. BRAKES NOW OPERATE AS VACUUM PUMP. WHILE PERFORMING FINAL ROAD TEST I FOUND BRAKE PEDALEXCESSIVELY HARD, AND BRAKING FORCE POOR, VEHICLE WOULD NOT STOP WELL. I INSPECTED BRAKES AND FOUND THEM TO BE OK. I CHECKED FLUID LEVEL AND CONDITION, APPEARS GOOD. I CHECKED BRAKE BOOSTER VACUUM PUMP
113437A		16-Jun-15	9151	LAND ROVER THOUSAND OAKS	805	2673600	WESTLAKE VILLAGE	CA	91362	705019	GB2	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE HAD NO BRKS VEHICLE WAS ITTING FOR 2 WEEKS	FAULTY VACUUM PUMP AND BOOSTER. TESTED VACUUM AT PUMP FOUND LOW VACUUM. REPLACED PUMP. PEDAL WAS BETTER BUT WAS STILL VERY SOFT. TESTED BOOSTER. FOUND BOOSTER WAS NOT HOLD VACUUM. REPLACED BOOSTER ASSEMBLY. TESTED
091490B		22-Sep-16	47809	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GB2	LR047384	Pump - Vacuum	CLIENT STATES THE BRAKE PEDAL IS VERY HARD TO DEPRESS AND THE VEHICLE DOES NOT STOP.	DROVE VEHICLE, BRAKING SYSTEM IS BACK TO NORMAL F. VERIFIED BRAKE PEDAL TO BE VERY HARD WHEN DEPRESSED, BRAKE PADLEVELS ARE OK, BRAKE SYSTEM VACUUM INSPECTED, FOUND NO VACUUM TO BE PRESENT IN SYSTEM, ALL LINES CHECKED FOR DAMAGE AND LEAKS, NONEFOUND, VACUUM PRESSURE TEST PERFORMED ON VACUUM PUMP OFF ENGINE, FOUND
547381A		1-Aug-16	20022	LAND ROVER HUNTINGTON	631	4272222	HUNTINGTON	NY	11743	705019	GB1	LR047384	Pump - Vacuum	C.S THE BRAKES SEEM LIKE THEY DO NOT WORK, HAS TO PRESS THE PEDALDOWN VERY FAR FOR THEM TO WORK	F. SDD NO RELATED FAULT CODES.CHECK FLUID LEVEL AND VACUUM.NO VACUUM FROM PUMP.REMOVE PUMP AND FOUND PUMP SEIZED AND DRIVE SHEARED.REMOVED VALVE COVER AIR FILTER HOUSING BATTERY AND BATTERY BOX.DRILL OUT BROKEN BOLT IN CAMSHAFT RETAP THREADS AND INSTALL NEW
220143A		1-Sep-15	22515	LAND ROVER MANHATTAN	212	5492222	NEW YORK	NY	10019	705019	JJ3	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE DOES NOT HAVE BRAKES. BRAKE PEDAL IS REALLY STILL.	PERFORMED CHECK BRAKE SYSTEM FOUND NO VACUUM CHECK VACUUM PUMP FOUND PUMP IS INOP REMOVE & REPLACE PUMP RECHECK IS OK

174221A	[redacted]	27-May-16	47115	LAND ROVER BLUFF CITY	901	8449400	MEMPHIS	TN	38119	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES EXCESSIVE FORCE IS REQUIRED ON THE BRAKE PEDAL DUE TO IT BEING SO HARD TO PUSH.	FOUND BRAKE PEDAL HARD AND NO STOPPING FORCE, VACUUM PUMP FOUND TO BE BROKEN. REPLACED VACUUM PUMP AND TEST DROVE. VEHICLE WORKING PROPERLY.
349036B	[redacted]	15-Jul-15	24537	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL FEELS LOW AND VEHICLE DOES NOT STOP PROPERLY	CHECKED AND FOUND VEHICLE TO HAVE NO VACUUM, WITH VACUUM GAUGE CHECKED AND VEHICLE HAD 2LBS OF VACUUM, CHECKED AND FOUND VACUUM PUMPTO BE INTERNALLY BINDING, REPLACED VACUUM PUMP AND TESTED DONE
364674B	[redacted]	9-Nov-16	42490	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	PLS NOTE,THE SEAL IS ATTACHED TO THE PUMP, NOT A SEPERATE PART ANYMORE.STTIME TO REMV BROKEN COUPLING,CLEAN METAL FRAGMENTS.C/S BRAKES INOP IN REVERSEPLS NOTE:NOT PAST 30	FOUND VACUUM PUMP SEIZED ALSO FOUND VACUUM PUMP COUPLING BOLT SNAPPED IN CAM SHAFT. EXTRACTED BOLT FROM CAM SHAFT CLEANED METAL FRAGMENTS . CLEARED AND CLEANED OIL GALLEY FROM OBSTRUCTION. INSTALLEDNEW COUPLING BOLT AND VACUUM PUMP. ROAD TESTED VEHICLE BRAKES
174319A	[redacted]	2-Jun-16	30207	LAND ROVER BLUFF CITY	901	8449400	MEMPHIS	TN	38119	705019	GB6	LR047384	Pump - Vacuum	CUSMTOMER STATES EXTRA FORCE NEEDS TO BE APPLIED TO BRAKE PEDAL TO STOP NORMALLY	FOUND NO VACUUM AT BRAKE BOOSTER. REMOVED VACUUM HOSE AT PUMP. VACUUM PUMP INOP. REMOVED PUMP AND FOUND IT SEIZED. FOUND VACUUM PUMP DRIVE COUPLER BOLT BROKEN OFF INTO CAM. ST) DRILLED AND REMOVED BOLT. TAPPED CAM.INST NEW VACUUM PUMP DRIVE COUPLER/BOLT.
050344A	[redacted]	20-Feb-14	33645	LAND ROVER CHATTANOOGA	423	4244000	CHATTANOOGA	TN	37421	705019	GB2	LR047384	Pump - Vacuum	CUSTOMER STATES HAS TO PUSH VERY, VERY HARD ON BRAKE AND VEHICLE WILL BARELY STOP	33645 VAC PUMP DIAG HARD BRAKE PEDAL, NO CODES, CHECK VAC PUMP.NO VAC FROM PUMP. REMOVE PUMP AND FOUND AUX ADAPTOR BROKEN OFF DUETO PUMP LOCKING UP, REMOVE REMAINDER OF ADAPTOR AND REPLACE IT ANDVAC PUMP. OPERATION OF BRAKE RESTORED TO NORMAL. COMPLETE
347679A	[redacted]	1-Jun-15	19807	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR025647	Coupling - Pump Drive	VEHICLE WAS TOWED TO SHOP.....HAD BRAKE FAILURE, BRAKE PEDAL BECAME HARD, ENGINE WAS RUNNING	F. TEST BRAKE SYSTEM FOUND NO VACUUM TO BOOSTER TEST PUMP FOUND PUMP SEIZED AND COUPLER BROKEN DRILL OUT COUPLER STUD AND REPLACE PUMP COUPLER AND PUMPSTTIME TO DRILL OUT STUD.
124388B	[redacted]	9-Mar-15	32567	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB2	LR047384	Pump - Vacuum	CUST STATES BRAKES WOULD NOT COMPLETELY STOP THE VEHICLE HAD TOPRESS DOWN VERY HARD WAS TOLD IT'S BRAKE BOOT OR VACUUM PUMP BYINDEPENDENT SHOP	VACUUM PUMP FAILURE. CONFIRMED CUSTOMERS CONCERN OF BRAKE PEAL NEEDING MORE FORCE TO DEPRESS THEN NORMAL. FOUND BRAKE BOOSTER NOT OPERATING PROPERLY. INSPECTED VEHICLE AND FOUND VACUUM PUMP NOT PRODUCING ENOUGH VACUUM FOR BOOSTER TO OPERATE PROPERLY.
021806A	[redacted]	1-Jul-16	43916	LAND ROVER SOUTHWEST HOUSTON	713	5963000	HOUSTON	TX	77074	705019	MD1	LR047384	Pump - Vacuum	CUSTOMER STATES THAT THE BREAKS PEDAL IS VERY HARD TO PRESS. CHECKAND ADVISE	FAILED CHECK VALVE. VERIFIED CONCERN, NO VACUUM AT BRAKE BOOSTER,FOUND AND REPLACED VACUUM PUMP ON MOTOR. FAILED CHECK VALVE. 70.50.19 VACUUM PUMP BRAKE BOOSTER RENEW 0.2 02.02.02 DRIVE IN OUT 0.2
242426D	[redacted]	12-Mar-15	19073	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33169	705019	GB2	LR047384	Pump - Vacuum	CUST STATES BRAKE PEDAL IS HARD	PUMP INOP. PERFORM TEST ON PUMP FOUND PUMP CLOGGED. REPLACE VACUUMPUMP FOR BRAKE BOOSTER.
193143A	[redacted]	16-Aug-16	46328	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GB6	LR047384	Pump - Vacuum	TOW TO SHOP BRAKE PEDAL HARD	CONFIRM COMPLAINT REMOVE BRAKE VACUUM BOOSTER PUMP FOUND HARD SPOT IN ROTATION OF PUMP THEN IT SEIZED REPLACE VACUUM PUMP AND ROAD TEST .
163409A	[redacted]	8-May-15	48269	LAND ROVER PARSIPPANY	973	5758055	PARSIPPANY	NJ	7054	705019	MD1	LR047384	Pump - Vacuum	C/S BRAKE PEDAL IS HARD.	PUMP INTERNAL MECHANICAL FAILURE. FOUND BRAKE VACUUM PUMP INTERNALFAILURE, CAMSHAFT COUPLER STUD BROKEN OFF IN CAMSHAFT, REPLACED CAMSHAFT, CAMSHAFT COUPLER, AND BRAKE VACUUM PUMP. ROAD TEST VEHICLEAND CLEAR ADATPTIONS
064780A	[redacted]	18-Dec-15	40029	LAND ROVER MONROEVILLE	412	3736071	MONROEVILLE	PA	15146	705019	GB2	LR052351	Coupling - Pump Drive	TOW IN: CUSTOMER STATES WAS ON TURNPIKE AND HIT BRAKE PEDAL AND PEDAL WENT TO THE FLOOR AND CAR BARELY HAD BRAKES. INSPECT AND ADVISE.	REPLACE BRAKE PUMP. DIAGNOSE BRAKING ISSUE. FOUND THAT BRAKE VACUUM PUMP SEIZED AND SHEARED OFF DRIVE COUPLER IN CAMSHAFT. EXTRACTEDBROKEN STUD FROM CAMSHAFT, INSTALLED NEW DRIVE COUPLER AND INSTALLED REPLACEMENT VACUUM PUMP. VERIFIED PROPER BRAKING
127523A	[redacted]	13-Feb-17	39514	LAND ROVER MAIN LINE	610	5202000	WAYNE	PA	19087	705019	GB6	LR047384	Pump - Vacuum	C/S BRAKE PEDAL PRESSURE VERY HARD TO PUSH, CHECK & RPT.	PUMP. VERIFIED CUSTOMER CONCERN CAUSE IS VACUUM PUMP HAS INTERNALDAMAGE. REPLACE VACUUM PUMP.
132625A	[redacted]	27-Sep-17	41568	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118	705019	GB2	LR047384	Pump - Vacuum	C/S THAT THE BRAKES FAILED WHEN DRIVING YOU HAVE TO PRESS VERY HARD FOR THE VEHICLE TO JUST SLOW DOWN.	INTERNAL FAILURE. VERIFY BRKS INOP. FND VACUUM PUMP FAILED INTERNALLY. NO OUTPUT. REPL PUMP AND REASSY VLV CVR. BRKS NOW PERF AS DESIGNED
013758B	[redacted]	3-Jul-15	38782	LAND ROVER RENO	775	3324000	RENO	NV	89511	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS VERY HARD AND HARD TO STOP VEHICLE	VERIFIED CUSTOMERS COMPLAINT NO VACUUM. READ CODES WITH SDD FOUNDNO CODES. INSPECTED BRAKES FOR EVIDENCE OF STUCK CALIPER OR OTHERDAMAGE. NONE FOUND. INSPECT VACUUM TUBES FOUND NO DAMAGE. REMOVEDVACUUM PUMP OUT PUT HOSE WITH ENGINE RUNNING AND FOUND
193781D	[redacted]	12-Sep-16	48294	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GB6	LR047384	Pump - Vacuum	CLIENT STATES BRAKES FAILED BRAKE PEDAL VERY HARD TO PRESS	VERIFIED CONCERN, FOUND BRAKE BOOSTER VACUUM PUMP STICKING/S EIZING INTERMITTENTLY, DRAIN THE ENGINE OIL TO INSPECT FOR METAL PEICES IN AND BEHIND THE PUMP ASSY FLUSHED ENGINE AS A PRECAUTION AND REPLACED THE VACUUM PUMP NO OTHER DAMAGE FOUND WITH CAMSHAFT ENDS OR

104339C	[redacted]	18-Jun-14	25212	LAND ROVER ANNAPOLIS	410	3498090	ANNAPOLIS	MD	21409	705019	GB5	LR025647	Coupling - Pump Drive	C/S WHEN APPLYING BRAKES THERE IS BARELY ANY PRESSURE FROM BRAKE PEDAL FELT DURING DRIVE INTO LANE.	TECH FOUND VACUUM PUMP FAILED. TECH REPLACE VACUUM PUMP.
075953A		23-Dec-15	37390	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GD2	LR047384	Pump - Vacuum	C/S VEHICLE HAS NO BRAKES WAS NOT ABLE TO STOP ON HIGHWAY PEDAL WENT TO THE FLOOR / USED PARK BRAKE TO STOP VEHICLE TOWED IN	VAC PUMP FOR BRAKES INTERNAL FAILURE. CHECK OPERATION OF BRAKES AND FOUND NO VACCUM ASSIST,CONNECT SDD NO STORED FAULTS,CHECK VAC LINE FROM BOOSTER TO VAC PUMP FOUND OK,RUN VEHICLE AND REMOVE VAC LINE OFF PUMP AND FOUND 0PRESSURE REMOVE AND REPLACE VACUM
184631A		18-Sep-15	19464	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GB6	LR047384	Pump - Vacuum	CUST STATES VEHICLE VERY HARD TO STOP(SEE RECENT REPAIR)	ASSY RECHECK OPERATIONS, ALL OK (SHOP TIME REQUIRED TO R&R ALL WHEELS, CK AND INSPECT THE FRT AND REAR BRAKE DISCS AND ALL CALIPER OPERATIONS 1.0)
028081G		8-Jun-15	15141	LAND ROVER PRINCETON	609	9217788	PRINCETON	NJ	8540	705019	AV4	LR047384	Pump - Vacuum	C/S THE BRAKE DO NOT WORL PORPERLY, IFF ON A HILL YOU MUST PRESS THE PEDAL ALL THE WAY AND IT STILL MAY NOT STOP	INTERNAL FAILURE VAC. PUMP, NO VAC. INSPECTED VAC PUMP. PUMP NOT OPERATING, NO VACUUM. POWER TO UNIT BUT STILL NOT OPERATING. REPLACED PUMP
353976B		15-Dec-15	22607	LAND ROVER GLEN COVE	516	6748500	GLEN COVE	NY	11542	705019	GB6	LR047384	Pump - Vacuum	VEHICLE TOWED TO SHOP.....BRAKE PEDAL IS VERY HARD TO PUSH	F. CHECK AND FOUND VACUUM PUMP INOP REMOVE PUMP FOUND PUMP SEIZEDAND COUPLER SNAPPED DRILL AND TAP COUPLER BOLT AND REPLACE COUPLERAND VACUUM PUMPSTTIME TO DRILL OUT SNAPPED COUPLER AND RETAP
113082B		23-Oct-15	42637	LAND ROVER MAIN LINE	610	5202000	WAYNE	PA	19087	705019	GD2	LR047384	Pump - Vacuum	C/S WHEN BRAKING INTERMITT THE BRAKES DO NOT FEEL NORMAL. C/S THEYDO NOT FEEL AS THOUGH THEY ARE GRABBING LIKE THEY USED TO	VACUUM PUMP HAS FAILED. FOUND THE CONCERN TO BE DUE TO THE VAC PUMP BEING FAULTY AND WAS REPLACED. RETESTED THE VEHICLE AND AT THISTIME, THE CONCERN IS RESOLVED.
091698B		17-Sep-14	35627	LAND ROVER CARLSBAD	760	4945600	CARLSBAD	CA	92008	705019	GD2	LR047384	Pump - Vacuum	CLIENT STATES VEHICLE HAS NO BRAKES. PLEASE CHECK AND ADVISE.	VEH HAD TO BE DRIVING INTO STALL VERY SLOWLY.VEH HAD NO PWR ASSISTBRAKES.REMVD ALL FOUR WHEELS & CHKD EACH BRAKE CALIPER FOR LOOSEBLEEDER SCREW & ALL WERE FD TIGHT W/ NO TRACES OF BRAKE FLUID LEALING.PROCEEDED TO CHK RESERVOIR & FD RESERVOIR LOW CAUSED BY BRAKEPADS BEING AT
082133J		3-Dec-15	44195	LAND ROVER CHERRY HILL	856	6632800	CHERRY HILL	NJ	8003	705019	GB2	LR047384	Pump - Vacuum	BRAKE PEDAL IS VERY SOFT	VERIFIED CONCERN FOUND VACUUM PUMP VERY WEAK REMOVED AND REPLACED. COMPLETE.
008229A		25-Aug-14	23908	LAND ROVER SAN JUAN TEXAS	956	7028888	SAN JUAN	TX	78589	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE FEEL S TO HIGH AND HARD TO PRESS	DIAGNOSED VEHICLE. FOUND SEIZED VACUUM PUMP AND BROKEN VACUUM PUMPDRIVE STUD IN CAMSHAFT. HAD TO REMOVE VALVE COVER FOR ACCESS AND WAS ABLE TO REMOVE BROKEN STUD FROM CAMSHAFT. INSTALLED NEW VACUUMPUMP GEAR AND VACUUM PUMP. ROAD TESTED VEHICLE OK.
015843A		10-Sep-15	27215	LAND ROVER SOUTHWEST HOUSTON	713	5963000	HOUSTON	TX	77074	705019	GB6	LR047384	Pump - Vacuum	CLIENT STATES THE BRAKE PEDAL IS VREY HARD TO PUSH AND THE VEHICLEIS HARD TO STOP	INTERNAL FAIL PUMP. REPLACED BRAKE VACUUM PUMP
171210A		3-Jul-15	20227	LAND ROVER HINSDALE	630	3259955	HINSDALE	IL	60521	705019	GB2	LR047384	Pump - Vacuum	CUST STATES BRAKE PEDAL SOFT AND GOING TO THE FLOOR	REPLACE VACUUM PUMP. TEST DROVE VEHICLE AND VERIFIED CONCERN OF HARD AND LOW BRAKE PEDAL. INSPECTED PEDAL, TESTED BRAKE BOOSTER, VACUUM TESTED LINE, TESTED OUTPUT FROM VACUUM PUMP. VERIFIED VACUUM PUMP IS ONLY PUTTING OUT 5 IN OF VACUUM. REMOVED VACUUM PUMP TO REPLACE
090412B		2-Sep-16	25425	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GD2	LR047384	Pump - Vacuum	CLIENT STATES THE BRAKES ARE NOT RESPONSIVE WHEN THE VEHICLE IS FIRST STARTED AND DRIVEN; THEY FEEL BETTER AFTER DRIVING FOR A PERIOD OF TIME.	VACUUM PUMP INTERNAL FAILURE. VERIFY COMPLAINT AND VISUALLY INSPECT VACUUM LINE FROM PUMP TO BOOSTER. TEST VACUUM FROM PUMP VERY LOW. REPLACE WEAK VACUUM PUMP. NOTING OIL IS VERY BLACK. PUMP HAS BEEN REPLACED RECENTLY. ADVISE CUSTOMER OIL NEEDS TO BE CHANGED. ENGINE
850215E		27-Jun-16	39182	LAND ROVER TAMPA	813	9302505	TAMPA	FL	33612	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKES FEEL FUNNY	ENGI BRK VACUM PUMP INOPERABLE. RD TEST VEHIC AND VERIFYVEHICLE HAS NO BRAK,HAS HRD BRA PEDAL AND HAS PRESS BRAKE PEDAL WITH FOR TO STOP VEHI.RUN STRAI TIME SMOK TEST FOR LKS,NONE.CHECK OPERATION OF VACUUM PUMP.ENGI BRA VACUUM PUMP INOPERABLE. REPL ENGINE BRAKE VACUUM
186449I		1-Dec-15	19300	LAND ROVER EDISON	732	2059000	EDISON	NJ	8817	705019	GB6	LR047384	Pump - Vacuum	TECH FOUND VACUUM PUMP SIEZED	FOUND NO VACUUM AT VACUUM PUMP INHIBITTING PARKING ASSIST BRAKES R&I VACUUM PUMP AND FOUND SIEZED REPLACE VACUUM PUMP RECHECK, ALL OK.
545720A		20-May-16	31240	LAND ROVER HUNTINGTON	631	4272222	HUNTINGTON	NY	11743	705019	GB2	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE BRAKES FEEL SPONGY, CHECK AND REPORT	BRAKE VACUUM PUMP INTERNAL FAILURE. PERFORM SDD TEST, NO TROUBLE CODES STORED. PERFORM VACUUM TEST TO PUMP. LOW VACUUM READINGS OBSERVED. REPLACE VACUUM PUMP. TEST AND VERIFY REPAIR.
114264A		19-Jan-15	25943	LAND ROVER ANAHEIM HILLS	714	6934646	ANAHEIM	CA	92807	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES THAT THE BRAKE FEELS STIFF AT TIMES WHEN BRAKE, FAULT VERIFIED WITH SHOP FOREMAN. CHECK AND ADVISE.	PERFORM VAC TEST ON VAC PUMP FAILED TEST LOW VAC OUTPUT, REPLACE VAC PUMP AND RETEST CAR IS OK AT THIS TIME

132515A	[redacted]	18-Jun-16	41840	LAND ROVER FORT LAUDERDALE	954	7844400	POMPANO BEACH	FL	33064	705019	GD2	LR052351	Coupling - Pump Drive	VEHICLE HAS NO BRAKES CUSTOMER STATES	F. INSPECTED PEDAL HARD NO ASSIST INSPECTED VACUUM FROM BOOSTER TOPUMP WITH ENGINE RUNNING NO VACUUM COULD BE FOUND AT THE PUMP REMOVED PUMP FOUND PUMP SEIZED INTERNALLY AND PUMP DRIVE ADAPTER FASTENED TO CAM SHAFT CAME APART AND LEFT THE THREADED
174933A		1-Jul-16	30535	LAND ROVER BLUFF CITY	901	8449400	MEMPHIS	TN	38119	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES EXCESSIVE 'BRAKE PEDAL EFFORT' REQUIRED 2 OR 3 SUCCESSIVE BRAKE USES & PEDAL GETS VERY HARD LIKE IT LOSES POWER ASSIST.	FOUND BRAKE PEDAL LOOSING ASSISTANCE. VACCUM PUMP MAKING NOISE AND PERFORMED VACCUM TEST AND FOUND PUMP TO BE WEAK. REPLACED VACCUM PUMP AND TEST DROVE. ALL OK AFTER REPAIR.
177409C		12-Sep-16	33420	LAND ROVER PARSIPPANY	973	5758055	PARSIPPANY	NJ	7054	705019	GD2	LR047384	Pump - Vacuum	BRAKE PEDAL IS HARD TO PRESS	INTERNAL MECHANICAL FAILURE. CUSTOMER STATES BRAKE PEDAL IS HARD TO PRESS. UPON INSPECTION TECH REMOVED VACUUM LINE, FOUND VACUUM PUMP NOT CREATING VACUUM TO SUPPLY BRAKE BOOSTER. TECH REPLACE BRAKEVACUUM PUMP ASSEMBLY. PERFORM ROAD TEST ON VEHICLE, VEHICLE IS
115270A		12-Mar-15	29783	LAND ROVER ANAHEIM HILLS	714	6934646	ANAHEIM	CA	92807	705019	MD1	LR052351	Coupling - Pump Drive	CUSTOMER STATES THAT WHILE DRIVING THE VEHICLE THE VEHICLE LOST BRAKE PRESSURE, HAD ONLY MANUAL BRAKING POWER. VEHICLE WAS HERE RECENTLY FOR THE SAME CONCERN. CHECK AND ADVISE.	F. REMOVE VAC PUMP HOSE AND PERFORM VAC TEST ON VAC PUMP, 0 VAC COMING FROM PUMP. REMOVE VAC PUMP FROM ENGINE AND FOUND VAC PUMP DRIVE GEAR WAS BROKEN OFF THE END OF THE CAM. FURTHER TESTING FOUND THE OIL PUMP HAD SIZED AND WOULD NOT TURN AT ALL, THAT BUSTED THE
589924A		24-Aug-15	27299	LAND ROVER CHICAGO	773	2273200	CHICAGO	IL	60622	705019	GB6	LR047384	Pump - Vacuum	CUST STATES THAT THE BRAKE PEDAL GOES TO THE FLOORR	CHECKED,. FOUND BRAKE PEDAL HARD AND NO VACUUM ASSIST. INSPECTED AND FOUND VACUUM PUMP FAILED. REPLACED VACUUM PUMP AND TESTED. CHECKS GOOD
449239A		24-Mar-17	49216	LAND ROVER BIRMINGHAM	205	3970610	IRONDALE	AL	35210	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS HARD TO PUSH AND VEHICLE IS HARD TO STOP. TECHNICIAN STRAIGHT TIME FOR REMOVAL OF BROKEN SHAFT AND DIAGNOSIS.	VERIFIED CONCERN. UPON INSPECTION, FOUND VACUUM PUMP DRIVE AT REAR OF CAMSHAFT BROKEN OFF. BROKEN SHAFT HAD TO BE DRILLED AND TAPPED TO REMOVE FROM CAMSHAFT. INSTALLED NEW PUMP AND DRIVE ASSEMBLY. TESTED. COMPLETE.
544534B		29-Mar-16	48721	LAND ROVER HUNTINGTON	631	4272222	HUNTINGTON	NY	11743	705019	GB5	LR047384	Pump - Vacuum	CUST STATES THE BRAKES FAILED ON THE HIGHWAY THEY COULDNT STOP THECAR THE BRAKE PEDAL IS STIFF AND WONT GO DOWN	F. CK. NO BRAKE BOOST,CK AND FOUND NO VAC. AT PUMP,CK BOOSTER OK,R&I AIR FILTER HOUSING,INTAKE TUBE,REMOVE PUMP,CK DRIVE AT PUMP OK,ORDER PUMP AND INSTALL NEXT DAY RE CK BRAKE OP. NORMALPUMP SEIZED
572710A		29-Aug-17	35102	LAND ROVER LITTLE ROCK	501	6610303	LITTLE ROCK	AR	72210	705019	GB6	LR025009	Bolt	CUSTOMER SATES BRAKE PEDAL HARD TO DEPRESS	CHECKED FOR CODES IN SYSTEM NONE FOUND. CHECKED FOR LEAKS AT BRAKE BOOSTER FOUND VACUUM NOT PRODUCED FROM VACUUM PUMP REMOVED PUMP AND FOUND IT LOCKED UP AND ADAPTER TO CAM BROKEN. CHECKED TIMING AND FOUND IT TO BE OFF BY 5 DEGREES. REMOVED TIMING
139553J		7-Nov-16	44314	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB6	LR052351	Coupling - Pump Drive	DURING TEST DRIVE TECHNICIAN FOUND THE BRAKE PEDAL HARD TO PRESS.	VACUUM PUMP FAILURE. DURING TEST DRIVE FOUND BRAKE TO BE HARD HOOKUP SDD FOUND NO FAULT REMOVE VACUUM PUMP HOSE FOUND VACUUM PUMP TOBE IN OP. REMOVE VACUUM PUMP FOUND VACUUM PUMP TO BE INTERNAL FAILURE. INSTALL NEW VACUUM PUMP AND HARDWARE PERFORM TEST DRIVE
127542B		17-Jul-17	47765	LAND ROVER ANNAPOLIS	410	3498090	ANNAPOLIS	MD	21409	705019	GB1	LR047384	Pump - Vacuum	WAS TOLD TO MAKE LINE A TWO DIFFERENT CLAIMS.	DURING TEST DRIVE BRAKE PEDAL GOT HARD, NO POWER ASSIST. FOUND VACUUM PUMP HAD FAILED. REPLACE VACUUM PUMP.
024667A		25-Jul-14	4165	LAND ROVER PRINCETON	609	9217788	PRINCETON	NJ	8540	705019	AV4	LR047384	Pump - Vacuum	CUST STATES BRAKE PEDAL IS VERY SOFT. DOES NOT REACT UNLESS YOU PRESS THE PEDAL TO THE FLOOR..CK AND ADVISE..	INTERNAL FAILURE. CHECKED FOR FAULTS FOUND NO FAULTS. CONFIRMED BRAKE PEDAL SOFTER THAN CHECKED WITH LAKE VEHICLE. FOUND BAKE BOOSTER VACUUM PUMP TO HAVE INSUFFICIENT VACUUM. REMOVED AND REPLACED VACUUM PUMP. ROAD TESTED BRAKES FEEL NORMAL AND NO FAULTS.
081427F		20-Jul-15	29487	LAND ROVER DALLAS	214	6914294	DALLAS	TX	75243	705019	GB6	LR052351	Coupling - Pump Drive	CLIENT REPORTS BRAKE PEDAL VERY HARD, HARD TO STOP VEHICLE	TIME TO REMOVE BROKEN OFF BOLT IN CAM REPLACE DRIVE BOLT AND REPLACE VACUUM PUMP, INTERNAL FAILURE
229143A		22-Mar-17	82745	HORNBURG LAND ROVER SANTA MONI	310	7525100	SANTA MONICA	CA	90404		EE3	N/A	N/A	WHILE PARKING PARALLE OR REVERSING AT SLOW SPEEDS THE BRAKE PEDAL GETS HARD INTERMITENT AN BRAKES START TO FADETHIS HAPPEN ALSO GOING FORWARD AT THE SAMETIME .WHILE PARKING ON R	1 GW REPAIR. CK BRAKE OP, FOUND NO LACK OF POWER ASSIST. REM VAC PUMP TO INSP,SOME SLUDGE & DEBRIS BUILT UP ON OIL LUBE INTAKE PORT. REP VACUUM PUMP DUE TO BLOCKAGE,ROAD TEST, ALL OK. NOTE: NO FAILUREWAS OBSERVED DURING TIME OF SERVICE. ISSUE WAS DESCRIBED AS INTERMITTENT AND 2 camshaft solonoids have sludge in them to failt. THE
092012G		1-Oct-16	57093	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7625		EE3	N/A	N/A	NO BRAKES CHECK ENGINE LIGHT ON	ENGINE OIL SERVICE WAS NOT PERFORMED SINCE JULY OF 2015. THIS ALSO CAUSED THE BRAKE VAC. REMOVED VACUUM BOOSTER AND VALVE COVER. DRILL OUT REMAINING OF THE BOLT IN THE INTAKE CAMSHAFT. INSTALLED NEW BOLT AND VACUUM PUMP. REPLACED
117372C		7-Jul-16	35329	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118		EE3	N/A	N/A	CLIENT RETURNED 7/11/2016 CLIENT STATES THE BRAKES ARE STIFF AGAIN, THE SES LIHT IS ON *** UNEXPLAINABLE.. 1 LOYAL CLIENT SEE [redacted]. HDM ***	INTERNAL FAIURE. FOUND VACUUM PUMP FAILED AGAIN. PER LAND ROVER TECH DEPARTMENT, CHECKED FOR CAUSE OF REPEATED FAILURE. FOUND WHAT APPEARS TO BE PLASTIC GRAINY MATERIAL INSIDE CORNER OF TOP OF CYLINDER HEAD, RESTRICTING OIL FLOW TO VACUUM PUMP. CLEANED DEBRIS, CHANGED
117372A		7-Jul-16	35329	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118		EE3	N/A	N/A	C/S THE BRAKE PEDAL FEELS VERY STIFF WE JUST REPLACED VACUUM PUMPUNDER FACTORY GOODWILL	VACUUM PUMP FAILURE. REMOVED VACUUM PUMP OUTPUT HOSE AND COULD NOTFEEL ANY VACUUM. REPL VACUUM PUMP AND TST OK. HAVE POWER ASST NOW.

116535A	[redacted]	6-Jun-16	34417	LAND ROVER LAS VEGAS	702	5790400	LAS VEGAS	NV	89118		EE3	N/A	N/A	C/S THE BRAKES REQUIRE EXCESSIVE EFFORT TO STOP AFTER ISSUE SURFACED, OTHER SHOP REPLACED PADS, BRAKES FEEL THE SAME DIAGNOSE AND ADVISE	2 INSPECT CONNECTIONS AT VACUUM PUMP AND BRAKE BOOSTER, OK. FND VACUUM PUMP NOT PULLING ENOUGH VACUUM. REPLACE BRAKE VACUUM PUMP AUTH BY JENNIFER AT JLR. RETEST ALL OK AT THIS TIME.
740196A		10-May-16	64419	LAND ROVER SOUTHAMPTON	631	2874141	SOUTHAMPTON	NY	11968		EE3	N/A	N/A	CUSTOMER STATES BRAKE PAD DOES NOT MOVE CAR HAS NO BRAKES	LOYALTY CODE 1 CHECK VACUUM TO BRAKE BOOSTER NONE TRACED FAULTTO SEIZED VACUUM PUMP, REMOVE VACUUM PUMP, VACUUM PUMP TO INTAKE CAM COUPLER SHEARED OFF, REMOVE VALVE COVER, REMOVE SHEARED VACUUMPUMPCOUPLER STUD, REPLACE COUPLER AND VACUUM PUMP, REASSEMBLE D. CUST STATES THAT THE BRAKE PEDA IS VERY HARD.
102935A		29-Dec-15	65010	LAND ROVER ORLANDO	407	6959100	ORLANDO	FL	32810		EE3	N/A	N/A	CUST STATES BRAKE PEDAL EXTREMLY HARD TO STOP.01.12.16 SUBLET CASTROL 5W30 FOR VEHICLE. loyalty code#1.	PERFORMED DIAG AND READ DTC''''S P0026 00 PCM INTAKE VALVE CONTROL SOLENOID CIRCUIT RANGE. REMOVED VAC PUMP AND FOUND THE COUPLING BROKEN AS VAC PUMP CEASED DUE TO POOR MAINTENANCE OF ENGINE OIL. REMOVED VALVE
017723A		4-Dec-15	37969	LAND ROVER SOUTHWEST HOUSTON	713	5963000	HOUSTON	TX	77074		EE3	N/A	N/A	CLIENT STATES THE BRAKE PEDAL IS HARD TO PUSH	INTERNAL FAILURE. VACUUM PUMP INTERNAL FAILURE NO LONGER PRODUCINGENGINE VACUUM FOR BRAKES INSTALLED NEW BRAKE VACUUM PUMP
133476B		15-Sep-15	60810	LAND ROVER TACOMA	253	8964200	Fife	WA	98424		EE3	N/A	N/A	CUSTOMER STATES BRAKE PEDAL IS VERY STIFF AND HARD TO MAKE VEHICLE STOP	LOYALTY CODE 2. FOUND BRAKE VACUUM PUMP IS SEIZED CAUSING VACUUM PUMP COUPLER TO SHEAR OFF. DRILLED BOLT/COUPLER. REPALCED COURIER AND VACUUM PUMP
124726A		14-Aug-17	41656	LAND ROVER ALBANY	518	2505996	Colonie	NY	12205		EE3	N/A	N/A	CLIENT STATES; EXCESSIVE FORCE NEEDED TO USE BRAKES; REPEAT CONCERN	1cust loyal found brake pedal hard to depress, found no vacuum supply to brakebooster, found engine vacuum pump assembly faulty and had seized causing the adaptor that drives it from the back of the intake camshaft to break. Was necessary to remove the valve cover to access the back of the intake camshaft to
463231A		11-Jul-17	91696	LAND ROVER LOUISVILLE	502	4298085	LOUISVILLE	KY	40207		EE3	N/A	N/A	CUSTOMER REQUESTS BRAKE INSPECTION, CUSTOMER STATES THE BRAKE PEDAL IS REAL HARD	1 CUSTOMER LOYALTY.TECH FOUND VACUUM PUMP NOT PRODUCING ANY VACUUM WHICH CAUSED THE HARD BRAKE PEDAL.TECH FOUND VACUUM PUMP LOCKED UP AND SPANNER BOLT THAT IS SCREWED INTO THE INTAKE CAM WAS CRACKED IN HALF.TECH FOUND LOCKED UP VACUUM PUMP WAS CAUSE OF THE
123772A		3-May-17	39421	LAND ROVER ALBANY	518	2505996	Colonie	NY	12205		EE3	N/A	N/A	workshop manual picture shows o ring is included in the pump assembly help why not qualify at 50 months and 39421 miles?	1) LOYALTY. CUSTOMER STATES BRAKES WILL NOT DEPRESS AND VEHICLE ISNOT STOPPING FAST ENOUGH , VERIFIED CUSTOMER CONCERN, INSPECTED BRAKE SYSTEM FOUND VACUUM PUMP TO BRAKE BOOSTER HAD FAILED REPLACEDVACUUM PUMP , TESTED BRAKE SYSTEM OPERATION , BRAKES WORKING PROPERLY AT EXTR EFFOR IS REQURD TO STOP EH, NO BRK ASSIST.
359969A		17-Aug-16	43499	LAND ROVER ENCINO	818	9909870	ENCINO	CA	91436	MT7015	GB6	LR025647	Coupling - Pump Drive	C/S: CUSTOMER STATES THE BRAKE GOT REAL HARD AND NOT ABLE TO BRAKENORMALLY. CHECK AND ADVISE	FND NO VACUUM. RMVPUMP AND TURN BY HAND, PUMP SZD CAUSING SNAPPER COUPLING ON CAMSHFT TO BREAK. DRILL AND EXTRCT BRKN COUPLER, RENEW COUPLER AND PUMPRETEST BRAKE OP, NO FUNCTIONS A SIGNED. ST TO EXTRACT AND REPLCOUPLER AND [redacted] FOUND BRAKE VACUUM PUMP NOT WORKING.
506703A		24-Apr-14	23813	LAND ROVER FT. WORTH	800	4335602	FT. WORTH	TX	76107	121301	GB6	LR030366	Camshaft	CUSTOMER STATES BRAKE PEDAL IS HARD	WHEN REMOVED VACUUM PUMP FOR REPLACING FOUND ADAPTOR BOLT TO INTAKE CAMSHAFT HAS BROKEN APART. LOTS OF METAL SHAVINGS. UPON TAKING VACUUM PUMP APART FOUNDOUTPUMP HAS SEIZED. SHOP FOREMAN PROCEEDED TO SUBMIT A TA,
148385A		29-Aug-17	99140	LAND ROVER SAN DIEGO	858	6931400	ANLANRA	CA	92126	705019	GD2	LR047384	Pump - Vacuum	OTC WARRANTY INVOICE [redacted] >>>>>>EMAILED SUPPORTING CUSTOMER PAY DOCUMENTS TO NA1ST 8/31<<<<<	OTC WARR: 8/3/17 INV# 533542 VACUUM PUMP INTERNAL FAILURE. OVER THE COUNTER INVOICE # [redacted]. VACUUM PUMP INTERNAL FAILURE. IN THE CARE OF TEMECULA EUROPEAN AUTO.
090124A		2-Jun-17	64153	LAND ROVER CHERRY HILL	856	6632800	CHERRY HILL	NJ	8003	705019	GB2	LR047384	Pump - Vacuum	CLIENT STATES VERY SOFT BRAKE PEDAL TAKES A LOT OF EFFORT TO STOP THE CAR	VERIFIED HARD BRAKE PEDAL.INSPECTED ALL CALIPERS,RIGHT REAR CALIPER CARRIER SEIZED,REPLACED,PEDAL STILL HARD,FOUND VACUUM PUMP SEIZED, REPLACED COMPLETE OK
104401A		19-May-17	47451	LAND ROVER WILLOW GROVE	215	9569200	WILLOW GROVE	PA	19090	705019	GB6	LR047384	Pump - Vacuum	CHECK NO BRAKE ASSIT PEDAL HARD // Emailed requested documents on 6/6/17, BJ	FAILED PUMP OVER THE COUNTER PARTS WARRANTY INV.# 116080L; 12/15/16. replace vacuum pump not creating vacuum for brake assist
110325A		13-May-17	70016	LAND ROVER DALLAS	214	6914294	DALLAS	TX	75243	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES THEY HAVE NO BRAKES, CHECK AND ADVISE PARTS WARRANTY [redacted] 1/30/17	EMAIL 5/31. PTS WTY PULLED DTCS NO DTCS PERTAINING TO ISSUE REMOVED HOSE FROM THE BRAKE BOOSTER NO VACUUM REPLACED VACUUM PUMP BRAKE OPERATION NORMAL
342012F		6-Mar-17	72960	LAND ROVER SUDBURY	508	6508822	SUDBURY	MA	1776	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS HARD TO DEPRESS	EMAILED NA1ST 3/21/17. VACUUM PUMP FAILED. PART REPLACED ON RO 334083 4/11/16 65490 MILES. Confirmed concern. Noted that vacuum pump is not producing vacuum. Removed vacuum pump and found metal shavings from oil intake ports. Determined vacuum pump failed internally and requires
921845A		1-Nov-16	55043	LAND ROVER NORTH HILLS	724	9403400	WEXFORD	PA	15090	705019	GB6	LR047384	Pump - Vacuum	CLIENT STATE VEHICLE IS HARD TO STOP SEE HISTORY. ** SENT REQUESTED INFO 12/1	REPLACED VACUUM PUMP FOR BRAKE BOOSTER DUE TO PUMP NOT FUNCTIONING FROM INTERNAL FAULT AS SHOULD PARTS WARRANTY REPLACED 6/15/16 RO# [redacted] MILEAGE 52269

256640A	[redacted]	20-Jul-16	55809	LAND ROVER MINNEAPOLIS	763	2222200	GOLDEN VALLEY	MN	55426	705019	GB2	LR047384	Pump - Vacuum	CUSTOMER STATES WHEN FIRST STARTING OUT THE BRAKE PEDAL FEELS VERY SOFT AND GOES ALMOST TO THE FLOOR TO STOP. AFTE DRIVING FOR A WHILE THE PEDAL SEEMS TO REGAIN IS RIGID FEEL.	TEST DROVE, FOUND BRAKE PEDAL DOES NOT FEEL SOFT IT IS ACTUALY VERY STIFF BUT THE VEHICLE DOES NOT STOP. CHECKED PADS AND BRAKE FLUID LEVEL, ALL OK. TESTED FOR VACUUM AT THE BRAKE BOOSTER, FOUND NO VACUUM. TESTED THE VACUUM PUMP AND FOUND IT IS ONLY PRODUCING 5IN.HG. REPLACED THE
740418A		24-May-16	64862	LAND ROVER SOUTHAMPTON	631	2874141	SOUTHAMPTON	NY	11968	705019	GB1	LR047384	Pump - Vacuum	CAR TOWED TO DEALER CUSTOEMR STATES CAR DOES NOT HAVE BRAKES	TRACED FAULT TO SEIZED VACUUM PUMP, R&R VACUUM PUMP, DRIVE COUPLERSTUD SHEARED OFF,R&R VALVE COVER AND CAMSHAFT CAP, TRIED REMOVINGSTUD, UNABLE, DRILL OUT STUD, REPLACE COUPLER AND VACUUM PUMP. PREVIOUSLY REPLACED RO #[redacted] 5/14/2016 AT 64419SEE EMAIL CUSTOMER
045303A		6-Jan-16	69312	LAND ROVER WILMINGTON	302	9929400	ROVER WILMINGTONDE	DE	19808	705019	GD2	LR047384	Pump - Vacuum	CLIENT PURCHASED A BRAKE PUMP FROM PARTS DEPT. WHILE ON A TRIP, BRAKE VACUUM PUMP FAILED. NOT INSTALLED BY LAND ROVER WILMINGTON. PARTS WARRANTY *FAXED COPIES OF RO & CUSTOMER	REPLACED BRAKE VACUUM PUMP.
096811E		1-Feb-19	58663	LAND ROVER NORTH HILLS	724	9403400	WEXFORD	PA	15090	705019	GB6	LR047384	Pump - Vacuum	CLIENT STATES WHEN STOPPING THE BRAKE PEDAL NEEDS PUSHED HARD TO STOP *EMAILED INFO 3 2	FOUND RECENTLY REPLACED PUMP DOES NOT HAVE SUFFICIENT SUCTION. TECH INSTALLED NEW PUMP. NEW PUMP WORKING FINE. PART WTY 8[redacted] 12/31/18
050249A		10-Jan-19	108884	LAND ROVER CAPE FEAR	910	3323500	WILIMINGTON	NC	28403	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES LOST BRAKES AGAIN / STIFF PEDAL AND NO STOPPING POWER AFTER VAC PUMP REPLACEMENT EMAILED ORIGINAL CUST PAID INVOICE 1.23 DW	VERIFIED CONCERN, PERFORMED VACUUM TEST OF SERVO PUMP OUTPUT, VACPUMP NOT PROVIDING ADEQUATE VACUUM TO OPERATE POWER BRAKE SERVO, REPLACED VACUUM PUMP AND VERIFIED OPERATION. REPLACED SERVO VACUUMPUMP: PARTS WARRANTY : ORIGINAL PURCHASE DATE 12/14/18 : RO
030348A		28-Aug-18	93146	LAND ROVER VIRGINIA BEACH	757	4901111	VIRGINIA BEACH	VA	23452	705019	GD2	LR047384	Pump - Vacuum	TOWED IN CUSTOMER STATES VEHICLE LOST BRAKES ON RAMP	tested brake vacuum, found no vacuum. tested vacuum at vacuum pump, and found no vacuum. internal pump failure. removed factory replaced vacuum pump. PARTS WARRANTY 29447 6/28/18 92257 MILES. COPIES EMAILED 9/26/18 resent 10/01/18
022928C		25-Sep-18	84526	LAND ROVER SOLON	440	5420602	SOLON	OH	44139	705019	MC1	LR047384	Pump - Vacuum	CLIENT STATES THAT THERE IS A CHECK ENGINE LIGHT IS ON, SHE NOTICES THAT IF YOU GIVE IT GAS TO PASS SOMEONE KIND OF IT DOES NOT GO, RPM GOES UP BUT CAR DOESN T MOVE.	CLIENT STATES THAT THERE IS A CHECK ENGINE LIGHT IVACUUM PUMP FAILED INTERNALLY AND WAS NOT PUMPING LOW PRESSURE SENSOR IS SHORTED INTERNALLY CHECKED FOR FAULTS, FOUND NUMEROUS FAULTS, ALONG WITH LOW VACUUM PRESSURE INSTALLED NEW VACUUM PUMP 70.50.19
022792A		11-Sep-18	83967	LAND ROVER SOLON	440	5420602	SOLON	OH	44139	705019	MD1	LR047384	Pump - Vacuum	CLIENT STATES A PIECE (BOLT) BROKE OFF OF THE ENGINE AND HER BRAKE PEDAL IS VERY HARD TO PUSH PLEASE CHECK, ADVISE	REMOVED VACUUM PUMP AND FOUND VACUUM PUMP IS SIEZED AND BROKE OFF THE BOLT AT THE END OF THE CAM SHAFT. EXTRACTED BROKEN HALF OF BOLT FROM CAM SHAFT AND REPLACED VACUUM PUMP AND GASKET. TEST DROVE VEHICLE DROVE NORMALLY.
863652C		29-May-18	116307	LAND ROVER TAMPA	813	9302505	TAMPA	FL	33612	705019	GD2	LR047384	Pump - Vacuum	VEHIC WAS JUST IN LR WEST PALM BEACH&HAD BRAKE BOOSTER PUMP REPLACLATER THAT SAME DAY BRAKES BECAME HARD TO PRESS	PER DIAG FOR BRAKE PEDAL STIFF, FRO9UND BRAKE BOOSTER DID NOT HAVEVACUUM RECIVE AUTH FROM CUSTOEMR TO REMOV PUMP FD PUMP VEIN INTERABROKEN INTO PIECES REMOVED AND REPLACED BRAKE PUMPPREVIOUS RO[redacted], MILES 116049, 5/29/18 SPARE PART WARRANTY**7/12 DOCS EMLD
083840F		19-Mar-18	62234	LAND ROVER BETHESDA	301	4247000	BETHESDA	MD	20852	705019	MD1	LR047384	Pump - Vacuum	TECH FOUND AIR VACUUM PUMP LEAKING	PUMP. CHECK AND FOUND LEAKING VACUUM PUMP. LEAKING ENGINE OIL. REPLACED VACUUM PUMP,.
015022A		18-Jan-18	70883	LAND ROVER NORTH HILLS	724	9403400	WEXFORD	PA	15090	705019	GD2	LR047384	Pump - Vacuum	CLIENT STATES BRAKE POWER ASSIST IS INOPERATIVE. BRAKES DON'T WORK WHEN COASTING	REPLACED BRAKE VACUUM PUMP
152286A		4-Jan-18	58267	LAND ROVER SAN DIEGO	858	6931400	SAN DIEGO	CA	92126	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES THERE IS NO BRAKES ON VEHICLE PEDAL GOES TO THE BOTTOM OFF THE FLOOR BRAKES FAILED WHILE DRIVING **[redacted] 2/07**	RO 147056 A 07/17/17 MI:50785 VACUUM PUMP FAILURE. renew vac pumpassembly with diag. RO[redacted] 03AUG2017 MILES 50785
137393A		15-Jan-18	83594	LAND ROVER ANAHEIM HILLS	714	6934646	ANAHEIM	CA	92807	705019	GB2	LR047384	Pump - Vacuum	CSUTOMER STATES THAT THE CAR DOES NOT STOP AND THE BRAKE PEDAL ISVERY HARD CHECK AND ADVISE REFER TO RO NUMBER[redacted]	TECH #[redacted] CHECKED & VERIFIED CUSTOMER COMPLAINT OF NO BRAKE PEDAL CHECKED VACUUM FROM VACUUM PUMP NO VACUUM AT PORT OF VACUUM PUMP REMOVED VACUUM PUMP NOTICED PLASTIC DEBRIS OPENED UP COVER ON VACUUM PUMP FOUND MECHANICAL FAILURE OF PUMP. TECH #[redacted] CHECKED FUNCTION OF BRAKE
136835A		18-Dec-17	82560	LAND ROVER ANAHEIM HILLS	714	6934646	ANAHEIM	CA	92808	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES THAT WHEN COMING TO A STOP THE VEHICLE WILL NOT FULLY STOP. CUSTOMER WAS TOLD THERE IS A PROBLEM WITH THE BRAKE VAC.PUMP. PLEASE CHECK AND ADVISE.	PEDAL FOUND PEDAL TO BE STIFF AT START UP CHECKED VACUUM LINE CONNECTIONS FOUNDVACUUM PUMP LEAKING OIL CHECKED VACUUM OUTPUT AT PORT REMOVED &REPLACED VACUUM PUMP CHECKED BRAKE APPLICATION AFTER
410114C		30-Oct-17	82461	LAND ROVER CHARLESTON	304	7460800	CHARLESTON	WV	25309	705019	GB6	LR047384	Pump - Vacuum	GB6 CLIENT STATES BRAKES REQUIRE EXCESSIVE BRAKE PEDAL FORCE, **PLEASE REVIEW PAGE 3 RO[redacted] OF THE DOCS I SENT YOU, PART WAS INSTALLED ON THAT DAY DUE TO ORDERING PLEASE ADVISE**	VACUUM PUMP FALIURE PARTS WARRANTY LRJ MONROEVILLE PA RO[redacted] 11/21/166. VACUUM PUMP REPLACED NOV 21 2016 AT A&L MOTORS LAND ROVER JAGUAR MONROEVILLE PA, RO 76413. CHECKED OPERATIONG BRAKE PEDAL ISFIRM, CHECKED VACUUM PUMP, FOUND IS WEAK, REMOVED PUMP &
229970B		12-Sep-17	94540	LAND ROVER WARWICK	401	8286600	WARWICK	RI	2886	705019	GB6	LR047384	Pump - Vacuum	CUST STATES BRAKES ARE HARD TO DEPRESS	REPLACE DEFECTIVE PUP LINE A END LINK FAILURE,LOSS OF VACUMN. REMOVE VAC PUMP,FOUND END LINK CAKE APART,REPLACE VAC PUMP,REASSEMBLEAND ROAD TEST.

422125A	[redacted]	2-Nov-17	33884	LAND ROVER OKLAHOMA CITY	405	7499049	OKLAHOMA CITY	OK	73114	705019	GB5	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS HARD TO DEPRESS SENT SUPP DOCS 11 16 17	DIAG &FND NO POWERR BRAKES RMVD THE VAC HOSE FROM THE PUMP &FND NO VAC REMVD PUMP &RPLCD TSTD OP OF BRAKING SYS AND IS WORKING NORMALLY WSM STEP 7 HAS US RPLC SEAL BUT THE NEW PUMP HAS THE SEAL INSTLLD ALREADY
370763A		28-Jul-17	85667	LAND ROVER ENCINO	818	9909870	ENCINO	CA	91436	705019	GB2	LR047384	Pump - Vacuum	C/S WHEN GOING FAST VEHICLE BRAKES WHEN COMING TO A STOP AND APPLYING BRAKES BRAKE PEDAL DE PRESSURIZES OR WHEN REVERSING CHECK ANDADVISE	BRAKE PEDAL IS SOFT. VERIFIED CONCERN, PERFORMED DIAGNOSIS, FOUNDVACUUM PUMP LOW VACUUM DUE TO INTERNAL FAILURE. REPLACED PUMP ASSEMBLY , ROAD TESTED VEHICLE, VERIFIED CORRECT OPERATION
370624A		25-Jul-17	85566	LAND ROVER ENCINO	818	9909870	ENCINO	CA	91437	705019	GB6	LR047384	Pump - Vacuum	C/S NEED TO FULLY PRESS ON BRAKE PEDAL TO ENGAGE CHECK AND ADVISE	EXTRA EFFORT NEED TO STOP VEH. verified concern, brake pedal hardto press with low braking power. checked for related trouble codesusing sdd, none related found. tested brake system vacuum at brakebooster, found low vacuum. back traced to engine vacuum pump assembly, removed pump for to
108134C		21-May-15	64772	LAND ROVER SAN ANTONIO	210	5614900	SAN ANTONIO	TX	78249	705019	GB6	LR047384	Pump - Vacuum	CUSATOMER ADDED BRAKE PEDAL GETS HARD AND DOES NOT HOLD IN REVERSE	OTHER CHARGE IS BRAKE FLUSH KIT. UPON INSPECTION, CONTACTED TECHLINE ADVISED TO REPLACE BRAKE BOOSTER AS IT WOULD NOT HOLD VACUUM. PEDAL WAS STILL HARD. REPLACED VACUUM PUMP AND VERIIFED THAT THE BOOSTER IS WORKING PROPERLY.TECHLINTECHLINE CASE 1986698.
664693A		29-Jul-14	50791	LAND ROVER MANHATTAN	212	5492222	MANHATTAN	NY	10019	705019	JJ3	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS HARD WHEN PRESSED. FEEL LIKE MANUAL BRAKING.	INSTALLED NEW PUMP PUMP INTERNAL FAULRE REPLACED VACUUM PUMP
059960A		29-Apr-14	32033	LAND ROVER TULSA	918	6654294	TULSA	OK	74145	705019	H05	LR047384	Pump - Vacuum	CUST STATES BRAKES ARE LOW	CHECKED AND VERIFIED CONCERN FOUND BRAKE PEDAL HARD TO PUSH PINPOINT TEST FOUND BRAKE BOOSTER VACUUM PUMP INTERNAL FAULT REPLACED VACUUM PUMP ASM, ROAD TESTED MILES IN 32033 MILES OUT 32036
041694C		26-Dec-18	74178	LAND ROVER PARAMUS	201	9878900	PARAMUS	NJ	7652	705019	GB1	LR047384	Pump - Vacuum	CLIENT STATES WHEN APPLYING THE BRAKES THE PEDAL WAS HARD AND WOULD NOT GO DOWN AND VEHICLE WOULD NOT STOP HAD CAR TOWED IN (CLIENT STATES HAD THIS CONCERN RECENTLY REPAIRED AT ANOTHER JLR	TEST BRAKES OPERATION, FOUND BRAKE PEDAL IS HARD AND VEH. DIFFICULT TO STOP. CHECK BRAKE BOOSTER AND VACUUM SUPPLY, NO VAC. CHECK BRAKE VACUUM PUMP. PUMP IS SEIZED AND DRIVE COUPLING IS BROKEN. REPLACE VACUUM PUMP. R/I HEAD COVER TO GET ACCESS TO DRIVE COUPLING.
210873A		21-Feb-19	52567	LAND ROVER EL PASO	915	7781444	EL PASO	TX	79925	705019	GH1	LR047384	Pump - Vacuum	CUSTOMER REPORTS ON CLIENT HAD TO BRAKE ALL THE WAY DOWN BEFORE BRAKES ENGAGE .	VERIFIED CONCERN AND FOUND VACUUM PUMP OIL STARVED AND SLUDGE BLUID UP INSIDE ENGINE. REPLACED PUMP AND TEST DROVE TO VERFITY REPAIRS.
202468D		12-Dec-18	45991	LAND ROVER PARSIPPANY	973	5758055	PARSIPPANY	NJ	7054	705019	GB6	LR047384	Pump - Vacuum	C/S BRAKE PEDAL PRESSURE FEELS ABNORMAL	INTERNAL MECHANICAL FAILURE, POOR VACUMN. inspect brake booster found no leaks, performed a vacuum test, vacuum has no pressure. inspected vacuum pump, got no pressure from pump. replaced vacuumpump.
090203F		5-Dec-18	63302	LAND ROVER CERRITOS	562	3561000	CERRITOS	CA	90703	705019	GB6	LR047384	Pump - Vacuum	ADD ON, FOUND LOW VACUUM PRESSURE DURING REPAIRS	VACUUM PUMP. Found internal fault at pump during repairs. Replacedfaulty vacuum pump. Road tested. Vehicle operating as designed atthis time
069892A		13-Sep-18	74045	LAND ROVER FOX VALLEY	920	9685600	APPLETON	WI	54913	705019	MQ2	LR047384	Pump - Vacuum	Guest state turbo charger sounds like its about to go out since itkeeps reving by itself and brakes are needing to be pushed hardersince the warnign light came on	vacuum pump seized. verified concern. had very hard brake pedal when driving to drive. removed vacuum pump hose and had no vacuum athose. removed pump and found seized causing adaptor to break in endof camshaft. replaced vacuum pump. 705019/ straight time for extracting bolt out of camshaft. causal part# lr047384
496594E		18-Jul-18	70741	LAND ROVER MERRIAM	913	6777650	MERRIAM	KS	66203	705019	MC1	LR047384	Pump - Vacuum	DURING INSPECTION TECH NOTICED NO PRESSURE BEHIND BRAKE PEDAL, PEDAL STIFF 9 4	DNOP PARTS WARRANTY RO[redacted] 17JUL18. REPLACED BRAKE BOOSTER VACUUM PUMP (PARTS WARRANTY)
203185A		23-Aug-18	112219	LAND ROVER ST. LOUIS	314	9198232	ST. LOUIS	MO	63141	705019	GD2	LR047384	Pump - Vacuum	sent 9/4/18 CUSTOMER STATES BRAKES ARE VERY SOFT SEE HISTORY PLEASE ADVISE	DIAGNOSIS, FOUND VACUUM PUMP TO HAVE FAILED INTERNALLY. REPLACE PUMP AND RETEST OK
482628E		10-Jul-18	95650	LAND ROVER LOUISVILLE	502	4298085	LOUISVILLE	KY	40207	705019	GB1	LR047384	Pump - Vacuum	TECHNICIAN FOUND VACUUM PUMP SEIZED. DOC sent 08/09/18. DUPLICATE CLAIM FOR JOB6 BECAUSE CONDITION CAUSING THE SEIZE WAS NOT WHAT TECH BELIEVED TO BE THE CAUSE UPON INSTALLING PUMP ON JOB5	TECH FOUND HARD BRAKE PEDAL VERIFIED VACUUM PUMP FOR BRAKE BOOSTER ASSIST. VERIFIED PUMP HAS FAILED INTERNALLY AND SUPPLYING NO VACUUM. TECH REMOVED AND INSTALLED NEW VACUUM PUMP AND VERIFIED NORMAL OPERATION AT THIS TIME. PARTS WARRANTY [redacted]06/11/18
017651A		18-Jul-18	96919	LAND ROVER FT. WORTH	800	4335602	FT. WORTH	TX	76107	705019	MC1	LR047384	Pump - Vacuum	ASTEK AUTO BOUGHT PUMP OVR THE COUNTER 2 28 18 INV[redacted]. USED [redacted]TO FIT IN BOX. PUMP MO LONGER HOLDS VACUUM	INTERNAL FAILURE CAUSED PUMP TO NO LONGER CREATE VACUUM. REPLACE AS PART WARRANTY. SENT DOCS 8 2 18 519 PM EST
262202A		5-Jul-18	62587	LAND ROVER FARMINGTON VALLEY	860	6939477	CANTON	CT	6019	705019	GD2	LR047384	Pump - Vacuum	INSPECT BRAKE SYSTEM. BRAKE PEDAL IS HARD TO DEPRESS WHEN BACKING UP. PARTS WARRANTY CLAIM RO [redacted]O N 5/29/18 AT MILEAGE 62086. RESUB 7/23	INSPECTED AND FOUND VACUUM PUMP HAS FAILED.REPLACED PUMP AND CHECKED ALL OK.

096862B	[redacted]	17-May-18	47430	LAND ROVER MONROEVILLE	412	3736071	MONROEVILLE	PA	15146	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES THAT BRAKES ARE INOP CHECK AND ADDVISE copies emailed 5/31/18	SEIZED VACUUM PUMP THAT HAD TO BE DRILLED OUT. DIAGNOSE CUSTOMER CONCERN, FOUND BRAKE SYSTEM HAS LOSS OF VACUUM. FOUND VACUUM PUMP NON OPERATIONAL. REMOVE PUMP AND FOUND PUMP SEIZED AND DRIVE BROKENOFF IN INTAKE CAM. DRILL OUT OLD STUD, CLEAN OUT ALL DEBREE FROM
118142G		3-May-18	70911	LAND ROVER FARMINGTON HILLS	248	4749900	FARMINGTON HILLS	MI	48335	705019	GD2	LR047384	Pump - Vacuum	C/S BRAKE PEDAL VERY HARD TO PRESS DOWN	BRAKE BOOSTER HAS NO VACUUM.
798470B		28-May-18	68020	LAND ROVER HILTON HEAD	843	2083700	HARDEEVILLE	SC	29927	705019	GB5	LR047384	Pump - Vacuum	CLIENT REPORTS: BRAKE PEDAL FEELS HARD, DOESNT STOP WELL. DUPLICATED AT WRITE UP.	VERIFIED CONCERN, BRAKE BOOSTER NOT FUNCTIONING. REMOVED VACUUM LINE FROM PUMP, FOUND NO VACUUM BEING PRODUCED. REMOVED VACUUM PUMP, FOUND PUMP LOCKED UP AND HAD BROKEN CAM DRIVE GEAR. REMOVED BROKENEND OF CAM DRIVE, REPLACED COMPONENT AND VACUUM
085716A		24-Apr-18	57724	LAND ROVER CERRITOS	562	3561000	CERRITOS	CA	90703	705019	GD2	LR047384	Pump - Vacuum	GUEST STATES WHILE DRIVING, VEHICLE LOST ALL BRAKING POWER. FEELSLIKE THERE IS NO BRAKE BOOSTER. CHECK AND ADVISE	INTERNAL FAILURE. tested system and found brake vacuum pump internal failure. Per approval replaced brake vacuum pump. Road tested.Vehicle now operating as designed.
111696B		18-Apr-18	64663	LAND ROVER ROCHESTER	585	6717909	ROCHESTER	NY	14625	705019	GB6	LR047384	Pump - Vacuum	INSPECT FRONT BRAKES. CUSTOMER SAYS BRAKE PEDAL HARD TO PUSH.	CK BRAKES, NO BRAKE ASSIST FROM BRAKE BOOSTER. FOUND INTERNAL FAILURE IN VACUUM PUMP FOR BRAKE BOOSTER. REPLACE VACUUM PUMP.
840458A		24-Feb-18	42032	LAND ROVER SOUTH BAY	310	7980550	TORRANCE	CA	90505	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER REPORTS THERE IS NO GIVE TO THE PEDAL WHEN APPLYING THE BRAKES. THE VEHICLE WILL STOP WHEN GOING SLOW SPEED. GOT TOWED IN.	BRAKE PEDAL REQUIRES EXTRA EFFORT. INSPECT CUSTOMER CONCERN. TESTDROVE AND FOUND STIFF BRAKE PEDAL AND HARD TO STOP. CHECKED VACUUMED AT VACUUM PUMP AND FOUND PUMP ONLY PRODUCING 5 INCHES OF VACUUM. REMOVED VACUUM PUMP AND FOUND DEBRI KEEPING VALVE
082907A		15-Feb-18	56132	LAND ROVER BETHESDA	301	4247000	BETHESDA	MD	20852	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL''''S HARD TO PUSH DOWN (VACUUM PUMP WAS REPLACED RECENTLY AT A LAND ROVER DEALER AND IS STILL UNDER WARRANTY) // CLIENT HAS AUTHORIZED 1/HR DIAG. // CLIENT TO F	VACUUM PUMP FAUILURE. VACUUM PUMP WAS FOUND CEASED AND CAM BOLT SHEARED. HAD MACHINE SHOP REMOVE SHEARED THREADS THAT WERE STILL INCAMSHAFT. REPLACED CAM BOLT AND INSTALLED NEW VACUUM PUMP. TESTEDBRAKE SYSTEM AND PERFORMED TEST DRIVE. F. CHECKED FOR CORRECT BRAKE OPERATION AND
383009A		30-Oct-17	70873	LAND ROVER GWINNETT	770	6805000	DULUTH	GA	30096	705019	GB6	LR047384	Pump - Vacuum	CUST STATES BRAKE PEDAL FEELS LIKE IT'S HARD WILL NOT STOPPINGPROPERLY	FOUND AFTER MULTIPLE QUICK APPLICATIONS THE PEDAL GETS FIRM. CHECKED BRAKE VACUUM AND FOUND TO BE LOW. FOUND VACUUM PUMP NOT PRODUCING CORRECT AMOUNT OF VACUUM. REPLACED PUMP AND RECHECKED. BRAKES NOW
117704A		7-Nov-17	80006	LAND ROVER DALLAS	214	6914294	DALLAS	TX	75243	705019	GB6	LR047384	Pump - Vacuum	CUST STATES BRAKE PEDAL HARD AS A ROCK WONT STOP VACUUM PUMP NOT SUPPLYING VACUUM OVER COUNTER PARTS WARRANTY CT[redacted] 10/14/17 REFER TO INV#[redacted] 10/14/17 1530 MILES	email 11/13. INTERNAL FAILURE IN VACUUM PUMP CAUSING BRAKES TO NOT PERFORM PROPERLY.
168510A		9-Oct-17	68531	LAND ROVER FORT MYERS	239	4544444	FORT MYERS	FL	33908	705019	GB5	LR047384	Pump - Vacuum	CUST ST WHEN PRESSING ON THE BRAKE PEDAL THE PEDAL FADES DOWN AND THE VEH WILL NOT COME TO A COMPLETE STOP...	BRAKE PEDAL FADES DOWN AND VEHICLE WILL NOT COME TO A COMPLETE STOP. VACUUM PUMP FAILED. REPLACED VACUUM PUMP. PERFORMED OIL SERVICE AS SOME METAL SHAVINGS WERE FOUND IN THE VACUUM PUMP AREA.
913688B		19-Aug-17	55600	LAND ROVER HOFFMAN ESTATES	847	2527800	HOFFMAN ESTATES	IL	60169	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES THE BRAKES WENT OUT....HAPPENED A MONTH AGOREPLACED BOLT AND VACUUM PUMP,TESTED SYSTEM OK	VACUUM PUMP SEIZED AND BROKE INNER BOLT TO CAM. VERIFIED CUST CONCERN. REMOVED THE VACUUM HOSE TO VACUUM PUMP AND FOUND NO VACUUM PRESSURE WAS PRESANT. REMOVED THE VACUUM PUMP AND FOUND THE INNER GEARWOULD NOT MOVE DUE TO IT BEING SEIZED UP, ALSO NOTICE
182635D		24-Jul-17	54634	LAND ROVER HINSDALE	630	3259955	HINSDALE	IL	60521	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES: BRAKE PEDAL IS STIFF AT ALL TIMES PLEASE ADVISE	VACUUM PUMP. CHECK VACUUM AT PUMP. HAS 0 PSI . REMOVED PUMP FOUNDPUMP IS LOCK UP AND BROKE KNOB ON CAM SHAFT NEED TIME TO REMOVE BROKEN KNOB ON CAM SHAFT . WILL ALSO NEED NEW BRAKE BOOSTER VACUUM PUMP. EXTRACTED BROKEN KNOB FROM CAM SHAFT AND INSTALLED NEW
352282A		3-Jul-17	75543	LAND ROVER INDIANAPOLIS	317	8487447	INDIANAPOLIS	IN	46240	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES RECENTLY PICKED OF VHEICLE AND BRAKE VACUUM IS NOT WORKING AGAIN.	PARTS WARRANTY FROM CPO REPLACEMENT ON RO [redacted]06/05/17. FOUND RECENTLY INSTALLED VACUUM PUMP TO HAVE INTERNAL FAILURE. HAS 13LBS OF VACUUM COMPARED TO KNOWN GOOD PUMP WITH 30 LBS OF VACUUM. REPLACED VACUUM PUMP.
064071A		23-Jun-17	39197	LAND ROVER WEST COLUMBIA	443	5351000	CLARKSVILLE	MD	21029	705019	GD2	LR047384	Pump - Vacuum	CS BRAKE PEDAL IS HARD TO PUSH	PERF DIAG AND FOUND VACUUM PUMP FAILED CAUSING HARD PEDAL FOR BRAKES. NO VACUUM SUPPLU, UPDON REMOVAL OF PUMP TEHC FOUND BROEKN ADAPTER BOLT CAUSING CAMSHAFT BROKEN OFF DUE TO SEIZED PUMP.
654639A		21-Jun-17	52110	LAND ROVER CLEARWATER	727	7977070	CLEARWATER	FL	33763	705019	GB1	LR047384	Pump - Vacuum	C/S THE BRAKES FEEL LIKE THEY ARE LOCKED UP. CHECK AND ADVISE	VERIFIED CONCERN. BRAKE PEDAL VERY STIFF. NO POWER BRAKES. REMOVEDBRAKE BOOSTER VACUUM LINE FROM VACUUM PUMP. NO VACUUM. ORDERED VACUUM PUMP. REPLACED PUMP. TESTED OPERATION. POWER BRAKES RETURNED.OPERATION IS NORMAL. DRIVE IN/OUT
405335A		2-Jun-17	80727	LAND ROVER CHARLESTON	304	7460800	CHARLESTON	WV	25309	705019	GB6	LR047384	Pump - Vacuum	GB6 CLIENT STATES POWER ASSIST BRAKES ARE INOPEMAILED COPY OF REPAIR ORDER ON 06/20/2017	CAM SHAFT DAMAGED DUE TO VACUUM PUMP.CERTIFIED PRE OWNED AUTH#3018W. VERIFIED CLIENTS CONCERN. FOUND THAT THE BRAKES FEEL FIRM AND POWER BRAKE IS NOT OPERATING. REMOVED ENGINE COVER AND INTAKE HOUSING. REMOVED VACUUM PUMP ASSEMBLY. FOUND ONCE

350351A	[redacted]	26-May-17	69982	LAND ROVER INDIANAPOLIS	317	8487447	INDIANAPOLIS	IN	46240	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES WHILE DRIVING, HE HEARD SOMETHING FROM UNDERNEATH THE CAR, BRAKES GOT HARD TO USE.	FOUND HARD BRAKE PEDDLE. VACUUM PUMP NOT MAKING VACUUM. HAS CODES P000A 00, P0027 00, P0026 00, P0366 00. CODES WERE CAUSED BY VACUUM PUMP LOCKED UP AND BOLT TO TURN PUMP BROKEN OFF IN INTAKE CAM. DRILLED BOLT OUT OF INTAKE CAM AND REPLACED BOLT AND PUMP WITH GASKET.
350756A		5-Jun-17	75187	LAND ROVER INDIANAPOLIS	317	8487447	INDIANAPOLIS	IN	46240	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES BRAKE PEDAL IS VERY HARD/CAN HARDLY STOP	VACUUM PUMP SIEZED CAUSING CAM BOLT TO SHEAR OFF IN CAMSHAFT. DRILLED OUT SEIZED CAMSHAFT BOLT AND REPLACED VACUUM PUMP AND CAM BOLT
083466B		2-Jun-17	35494	LAND ROVER MONROEVILLE	412	3736071	MONROEVILLE	PA	15146	705019	GD2	LR047384	Pump - Vacuum	CUSTOMER STATES THAT THE BRAKES WENT OUT. TOW TRUCK DRIVER SAYS CAR HAS NO BRAKES.	PUMP SEIZED. VACUUM BRAKE PUMP SEIZED AND SHEARED OFF THE PUMP DRIVE COUPLER. REPLACED THE VACUUM PUMP(OPERATION COVERED ON THE USEDWITHINS FOR LINE F). THE THREADED STEM OF DRIVE COUPLER BROKE OFFINSIDE END OF CAMSHAFT AND HAD TO BE EXTRACTED.
125440A		6-Apr-17	60859	LAND ROVER ANNAPOLIS	410	3498090	ANNAPOLIS	MD	21409	705019	GB1	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE WAS DRIVEN AND HIT BRAKE PEDAL, PEDAL GOT STIFF AND WOULD NOT ALLOW VEHICLE TO STOP.	TEST DROVE VEHICLE FOR FORTY FIVE MINUTES BEFORE BEING ABLE TO DUPLICATE CONCERN LOST ALL BRAKE ASSIST AND PEDAL GOT STIFF I PULLED OVER NO ISSUE WITH VACUUM LINES BUT THE VACUUM BEING PRODUCED BY VACUUM PUMP GOT WEAK REPLACED VACUUM PUMP AND TEST DROVE VEHICLE FOR
674443C		29-Aug-16	54862	LAND ROVER NORTH ATLANTA	770	5872000	ALPHARETTA	GA	30009	705019	GB2	LR047384	Pump - Vacuum	SERVICE MANAGER NOTES: UPON MOVING VEHICLE FOUND BRAKE PERFORMANCE/ FUNCTION VERY POOR MUST PRESS PEDAL WITH EXTREME PRESSURE TO SLOW OR STOP	** EMAILED 10/13/16 ** INSPECT BRAKE PEDAL HARD. CHECKED BRAKE SYSTEM AND FIND BRAKE VACUUM PUMP ON ENGINE IS MAKING NO VACUUM WHEN ENGINE RUNNING. FINDINTERNAL FAILURE WITH VACUUM PUMP. REPLACED VACUUM PUMP PARTS WARRANTY. PERFORMED TA[redacted]
348261K		7-Sep-16	54435	LAND ROVER BUCKHEAD	404	2614400	ATLANTA	GA	30305	705019	GB6	LR047384	Pump - Vacuum	CUST. STATES BRAE PEDAL VERY HARD, POOR STOPPING WHEN BRAKES APPLIED, ADDED 9 12 16 SELECT REPAIR	INOP. DUPLICATED CONCERN, FOUND BRAKE BOOSTER VACUUM PUMP PRODUCING VERY LITTLE VACUUM. REPLACED FAULTY VACUUM PUMP. AFTER REPAIR FOUND NORMAL BRAKE OPERATION
851079B		15-Aug-16	91829	LAND ROVER TAMPA	813	9302505	TAMPA	FL	33612	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES : CUSTOMER STATES : BRAKES ARE NOT REACTING. YOU HAVE TO PUSH THE BRAKE PEDAL DOWN REALLY HARD. CHECK/ADVISE	ST/DW FOR DIAG.CK BRAK&NO VACC AT PMP, REMOV PMP CK FOR LUB&FDGOOD.REMV PUMP BACK PLA&FD IMPELLER VANE BROKEN. REM/DRV & CK FORCLOGGIN NONE FD. CRANK ENG&CK OIL FLOW TO PUMP DRIVER FOR ANY CLOGNONE FD. CONTACT TECH ASS CASE#[redacted], SUG CK TO SEE IF ENG ISSLUGGED NO
379782A		2-Mar-16	62413	LAND ROVER TYSONS CORNER	703	8931700	VIENNA	VA	22182	705019	GB6	LR047384	Pump - Vacuum	CUSTOMER STATES VEHICLE BRAKES DO NOT STOP VEHICLE. BRAKE PEDAL VERY HARD AGAIN	FAXED DOCUMENTS 4/14/16 LB TECH INSPECTED VEHICLE AND FOUND NEW VACUUM PUMP LOCKED UP CUASING DRIVE UNIT IN CMSHAFT TO SHEER OFF. TECH WAS ABLE TO DRILL OUT BROKEN BOLT IN CAMSHAFT AND REPLACE DIVE UNIT. 00 TIME TO DRILL OUT BOLTS
100017A		24-Sep-15	46594	LAND ROVER FARMINGTON HILLS	248	4749900	FARMINGTON HILLS	MI	48335	705019	GB6	LR047384	Pump - Vacuum	C/S THE BRAKES HARDLY WORK. YOU HAVE TO PRESS THE PEDAL REALLY HARD. (VEHICLE WAS DROPPED OFF LAST NIGHT & KEY WAS IN THE DROP BOX THIS MORNING WHEN CHECKED)	BRAKE VAC PUMP SEIZED & CAUSED THE CAMSHAFT TO BREAK THE THE END.VERIFEID CUST CONCERN, PERFORMED TECHINCAL ASSISTANCE AFTER CHECKING BOOSTER, LINE AND PUMP OUTPUT. FOUND CAMSHAFT TO BE BROKEN FROMSIEZED VACUUM PUMP. FOUN DIT NESS TO REPLACED
099446B		2-Feb-15	9027	LAND ROVER SOUTH DADE	305	9094000	MIAMI	FL	33157	705019	GD2	LR047384	Pump - Vacuum	CUST STATES THE BRAKE PEDAL GOES ALL THE WAY DOWN,	FND SEIZED VACUUM PUMP FOR BRAKE BOOSTER & VAC PUMP ADAPTOR BROKENOFF IN CAMSHAFT,S/T CHEC OIL FLOW PER TECHLINE [redacted] REPL CAMSHAFT. FOUND VACUUM PUMP FOR BRAKE BOOSTER SEIZED, AND VACUUM PUMPADAPTOR BROKEN OFF IN CAMSHAFT. CHECKED OIL FLOW AS PER
277431F		1-May-18	70991	LAND ROVER NORTH DADE	305	6531400	MIAMI	FL	33196	705019	MB1	LR047384	Pump - Vacuum	WHILE MOVING ACCESORIES FOUND LOW PRESSURE TO VACCUUM PUMP	TECH FOUND VACUUM PUMP SEIZED(FROZEN),REPLACE VACUUM PUMP
178002A		27-Sep-16	18533	LAND ROVER HINSDALE	630	3259955	HINSDALE	IL	60521	121333	GD2	LR056374	Camshaft	CUSTOMER STATES THAT IT IS DIFFICULT BRAKING THE VEHICLE. THERE ISNO POWER BRAKE ASSIST	REPLACED BROKEN CAMSHAFT. VERIFIED CUSTOMER CONCERN NO BRAKES, SCAWAS PRESENT. REMOVED VACUUM PUMP FROM ENGINE ASSEMBLY, FOUND CAMSHAFT SHAFT END TO BRAKE OFF CAUSING NO VACUUM FOR BRAKING SYSTEM. REMOVED INTAKE SIDE CAMSHAFT FROM VEHICLE, INSPECTED TAPPETS
106093A		15-Mar-16	48517	LAND ROVER NAPERVILLE	630	3005000	NAPERVILLE	IL	60540	121301	GB1	LR056374	Camshaft	OWNER REPORTS BRAKES ARE HARD TO PRESS	BROKEN PIECE INSIDE CAM THAT SPINS VACUUM PUMP AND BROKEN INTERNALY VACUM PUMP. FOUND BRAKES ARE HARD TO PRESS CHECKED FRO CODES ANDFOUND THE SYSTEM HAD NO CODES FOR THE BRAKING SYSTEM I ERASED ANYCODES EITHER WAY . TOOK VACUUM LINE OFF BOOSTER AND FOUND THAT