

**S-TYPE**

DATE 05/02

S204-S150

SERVICE**TECHNICAL BULLETIN****Rear Suspension –
Check/Reset Rear Toe –
Service Action S 150**MODEL 2003 MY
S-TYPE

VIN M45382-M53285

Issue:

The rear lower control arms on 2003 MY S-TYPE vehicle within the above VIN range were replaced at the port of entry facilities. This action was taken because the bushings were incorrectly installed in the rear lower control arm.

To ensure that the vehicles will not be subject to improper tracking or experience premature tire wear, dealers will check, and reset if necessary, the rear toe of the above vehicles. A complete list of all of the affected vehicles is included with this bulletin.

Action:

Perform this Service Action before delivering the vehicle to the customer.

Check, and reset if necessary, the rear toe of the 2003 MY S-TYPE vehicles listed beginning on page 2 of this bulletin.

REAR TOE ADJUSTMENT

1. Check the toe settings. Follow the equipment manufacturer's instructions.
2. Left-hand, shown right-hand similar. Loosen the lock nut (Illustration 1). Clean and lubricate the lock nut and toe link threads.

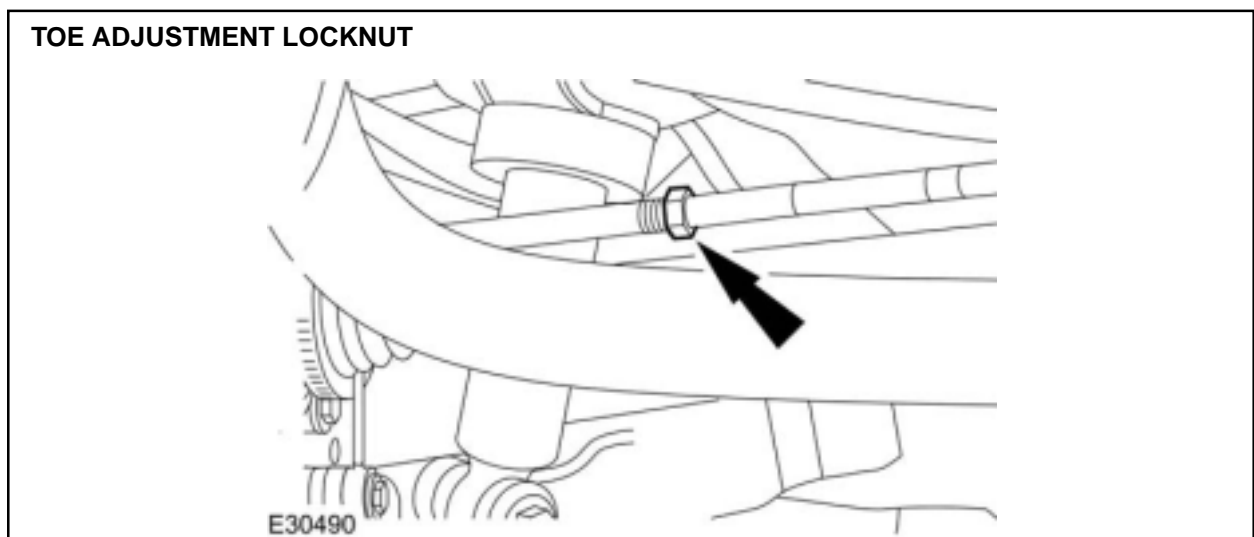


ILLUSTRATION 1

3. Rotate the toe link to adjust the toe settings.

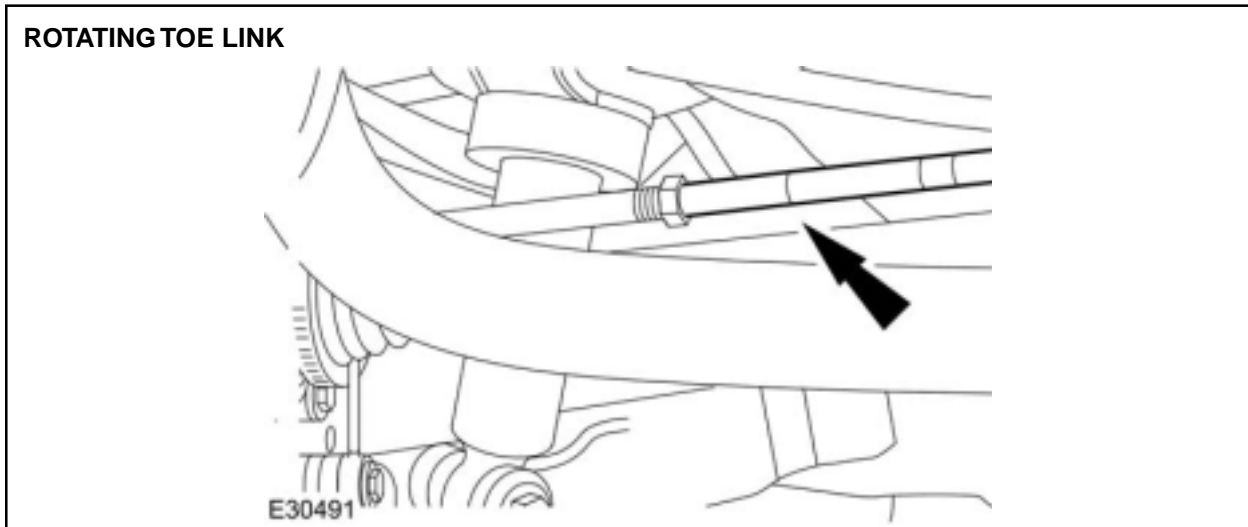


ILLUSTRATION 2

4. Tighten the lock nut (Illustration 1). Check the toe settings. Follow the equipment manufacturer's instructions.

REAR TOE SPECIFICATIONS

Item	LH	RH	Total/Split
Specifications – Rear			
Toe @ curb ride height (positive value is toe-in, negative value is toe-out)	$0.12^\circ \pm 0.1^\circ$	$0.12^\circ \pm 0.1^\circ$	$0.25^\circ \pm 0.17^\circ$

VEHICLE IDENTIFICATION NUMBER LIST

Note: The vehicles identified by shading have not been allocated to dealers as of the date of this printing. Check your dealer records to determine if you may have received one of these vehicles since this bulletin was issued.

Check, and if necessary, reset the rear toe on all vehicles listed on this bulletin.

USA

VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.
M46313	0022	M51955	0081	M50998	0085	M48971	0580
M47433	0022	M51988	0081	M51023	0085	M49011	0580
M47531	0022	M51999	0081	M51549	0085	M49263	0580
M50251	0022	M52065	0081	M52285	0085	M49928	0580
M50547	0022	M52318	0081			M50976	0580
M51449	0022	M52396	0081	M50405	0222	M52244	0580
				M51262	0222	M52525	0580
M48667	0078	M46082	0083	M53094	0222	M52618	0580
		M47461	0083			M53028	0580
M49384	0081	M47468	0083	M46376	0349	M53073	0580
M49423	0081	M47678	0083	M51929	0349	M53079	0580
M49427	0081	M48382	0083				
M49744	0081	M48531	0083	M48398	0408	M46439	0609
M49884	0081	M48538	0083			M51412	0609
M49924	0081	M48591	0083	M49468	0468	M51681	0609
M50024	0081	M48659	0083				
M50032	0081	M48663	0083	M48077	0486	M46481	0617
M50044	0081	M48679	0083	M49131	0486	M51247	0617
M50048	0081	M48739	0083	M49644	0486	M51364	0617
M50087	0081	M48755	0083	M52954	0486		
M50093	0081	M48919	0083	M53001	0486	M47475	0628
M50108	0081	M48923	0083				
M50159	0081	M49376	0083	M47300	0517	M52789	0660
M50181	0081	M49540	0083	M48386	0517		
M50192	0081	M50141	0083	M48627	0517	M52897	0692
M50218	0081	M50166	0083	M48911	0517		
M50331	0081	M50240	0083	M49227	0517	M53185	0696
M50350	0081	M50258	0083	M49279	0517		
M50923	0081	M50265	0083	M50515	0517	M47916	0734
M50965	0081	M50324	0083	M52112	0517	M49295	0734
M51031	0081	M50383	0083			M49504	0734
M51038	0081	M50496	0083	M47398	0518	M49892	0734
M51049	0081	M50668	0083	M48480	0518		
M51056	0081	M50876	0083	M48887	0518	M48462	1049
M51104	0081	M52343	0083	M49023	0518	M51507	1049
M51122	0081	M52486	0083	M49419	0518		
M51148	0081			M50990	0518	M47909	1060
M51214	0081	M46614	0085	M52480	0518	M48028	1060
M51221	0081	M46852	0085	M52633	0518	M49123	1060
M51229	0081	M49524	0085			M53140	1060
M51328	0081	M49592	0085	M47405	0580		
M51335	0081	M49652	0085	M47496	0580	M46040	1417
M51339	0081	M49972	0085	M47566	0580	M46698	1417
M51361	0081	M50306	0085	M47615	0580	M51346	1417
M51368	0081	M50833	0085	M48595	0580	M51401	1417
M51768	0081	M50994	0085	M48763	0580	M52974	1417

VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.
M49336	1427	M50635	4008				
M51667	1427	M51496	4008	M47447	5537	M46467	5614
M51900	1427			M48473	5537	M47859	5614
		M46804	5008	M48542	5537	M48426	5614
M51236	1459	M50646	5008	M48560	5537	M50445	5614
M51933	1459	M52924	5008	M48695	5537	M51203	5614
M52219	1459	M52936	5008	M48699	5537		
M52393	1459			M49031	5537	M46383	5618
		M53279	5299	M49115	5537	M48302	5618
M49672	2103			M49388	5537	M48843	5618
M49944	2103	M50119	5397	M53255	5537	M49435	5618
M51696	2103	M51302	5397	M53261	5537	M49576	5618
M52329	2103	M51452	5397			M49728	5618
M52864	2103	M51467	5397	M46425	5544	M49748	5618
M52995	2103	M52292	5397	M46488	5544	M49788	5618
		M52420	5397	M49852	5544	M50800	5618
				M51320	5544	M51427	5618
M45397	3140	M47328	5416	M51782	5544	M52087	5618
M45427	3140	M48527	5416	M52561	5544		
M45443	3140	M51471	5416			M51240	5629
		M52402	5416	M47790	5559	M52277	5629
M46656	3148						
M49880	3148	M48434	5454	M46621	5573	M48035	5630
		M51009	5454	M48133	5573	M48056	5630
M46516	3904			M49051	5573	M48262	5630
M49836	3904	M50620	5487			M48511	5630
M50207	3904	M52387	5487	M47993	5581	M51397	5630
M52447	3904			M49792	5581		
		M50309	5490	M50594	5581	M46957	5632
M47356	3937	M50613	5490	M53273	5581	M47510	5632
M47454	3937					M48546	5632
M50972	3937	M48354	5497	M48246	5585	M49035	5632
M51071	3937	M48903	5497	M51130	5585	M52816	5632
		M49356	5497			M52888	5632
M46670	3944	M51914	5497	M47489	5603		
M47699	3944			M51207	5603	M51423	5635
M47873	3944	M46684	5498	M52528	5603		
M48515	3944	M52501	5498	M53046	5603	M47804	5639
M49952	3944			M53100	5603	M48147	5639
M51801	3944	M47552	5504	M53106	5603	M49544	5639
		M48358	5504	M53155	5603		
M46753	4008	M48406	5504			M51510	5640
M49223	4008	M48943	5504	M51940	5607	M51516	5640
M49403	4008	M49368	5504			M53040	5640
M49568	4008			M46208	5614		
M50083	4008						

VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.
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M51185	5641	M46495	5671			M48254	5699
M51907	5641	M48611	5671	M46369	5684	M49135	5699
M52171	5641	M50931	5671	M49167	5684	M49448	5699
		M52660	5671	M50943	5684	M49520	5699
M51434	5645			M51042	5684	M50522	5699
		M46838	5672	M53245	5684	M51593	5699
M48475	5653	M49300	5672				
M48967	5653	M49664	5672	M49956	5686	M46565	5701
M48983	5653	M52969	5672	M51834	5686	M51174	5701
M50890	5653			M52164	5686	M51394	5701
M51485	5653	M46704	5674	M52540	5686	M51830	5701
M51896	5653	M51513	5674	M52591	5686		
				M52594	5686	M46411	5703
M46320	5662	M49476	5675	M52606	5686	M46446	5703
M46404	5662	M51764	5675			M47482	5703
M47776	5662	M52651	5675	M46978	5687	M48568	5703
M48070	5662	M52903	5675	M47636	5687	M48703	5703
M48454	5662			M48564	5687	M48915	5703
M48835	5662	M48414	5677	M48691	5687	M48979	5703
M49324	5662	M49415	5677	M50471	5687	M49059	5703
M49488	5662	M51438	5677	M50818	5687	M49067	5703
M49536	5662			M50954	5687	M49900	5703
M50537	5662	M48687	5678	M51524	5687	M50478	5703
M52837	5662	M48715	5678			M52585	5703
				M47321	5689	M53221	5703
M46348	5664	M48430	5679	M50609	5689	M53285	5703
M46718	5664			M52822	5689		
M47811	5664	M49287	5680			M51460	5704
M50068	5664	M49480	5680	M47986	5691		
M51089	5664	M51527	5680	M48507	5691	M51254	5705
M52980	5664			M48823	5691		
		M47846	5681	M53088	5691	M49344	5706
M47538	5668	M48266	5681			M51674	5706
M48635	5668	M48466	5681	M46943	5694	M53067	5706
M48759	5668	M49127	5681				
M48987	5668	M49255	5681	M47559	5696	M47783	5707
M51500	5668	M51445	5681	M47643	5696	M49636	5707
M52094	5668					M50133	5707
M52948	5668	M48362	5682	M48438	5697		
M52963	5668	M48655	5682	M48787	5697	M47958	5708
		M50449	5682	M49308	5697	M48224	5708
M46523	5670					M48290	5708
M49163	5670	M46691	5683	M48338	5698	M49211	5708
M49340	5670	M49407	5683	M49440	5698	M49315	5708

VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.
M49328	5708	M52252	5722	M53188	5735	M51995	5749
M49360	5708			M53212	5735	M52711	5749
M49396	5708	M46817	5723				
M49616	5708	M46873	5723	M52909	5736	M51163	5751
M49964	5708	M47797	5723			M51295	5751
M51016	5708	M48258	5723	M48975	5737	M52738	5751
M51630	5708	M48410	5723	M49304	5737		
M51641	5708	M48839	5723	M49364	5737	M48503	5752
M53007	5708	M49452	5723	M51564	5737	M49019	5752
M53013	5708	M52579	5723			M49380	5752
M53019	5708	M52690	5723	M49864	5740		
				M51372	5740	M46054	5756
M46530	5709	M46033	5724			M49372	5756
M49348	5709	M47195	5724	M47286	5741	M52726	5756
M51082	5709	M47363	5724				
M51922	5709	M48599	5724	M49912	5742	M48210	5757
M52351	5709	M48743	5724	M52627	5742	M50778	5757
		M48895	5724	M52717	5742	M52915	5757
M46635	5711	M49075	5724	M53113	5742		
		M50302	5724			M46418	5758
M51475	5713	M50866	5724	M46845	5745	M46432	5758
		M52358	5724	M49780	5745	M47391	5758
M47524	5717	M53134	5724	M52513	5745	M48572	5758
M48326	5717	M53146	5724			M49099	5758
M48623	5717	M53152	5724	M46397	5746	M49275	5758
M48643	5717	M53167	5724	M49320	5746	M53122	5758
M48683	5717	M53194	5724	M49772	5746	M53128	5758
M48711	5717	M53200	5724	M49916	5746		
M48959	5717	M53227	5724	M49984	5746	M48639	5760
M49271	5717			M50100	5746	M50529	5760
M49496	5717	M47258	5725	M51273	5746	M50701	5760
M49500	5717	M51714	5725			M52989	5760
M52792	5717			M46453	5747		
		M46306	5726	M48042	5747	M51306	5761
M48576	5718	M46355	5726	M48907	5747	M51689	5761
M48719	5718	M48334	5726	M49740	5747		
M48935	5718	M51478	5726	M49932	5747	M50247	5762
M48951	5718	M53206	5726	M51287	5747	M50587	5762
M48991	5718			M52672	5747	M52825	5762
M52429	5718	M46362	5727				
				M52657	5748	M47335	5764
M48999	5721	M48811	5730			M48366	5764
M50504	5721			M46628	5749	M48523	5764
M51504	5721	M51405	5735	M46677	5749	M48550	5764
M52831	5721	M53179	5735	M50126	5749	M48927	5764
				M51386	5749	M49624	5764

VIN	Dir. no.	VIN	Dir. no.	VIN	Dir. no.
M46341	5766	M47866	5777		
M46537	5766	M48049	5777	M48851	5787
M48394	5766	M48126	5777	M48871	5787
M51531	5766	M48469	5777	M49063	5787
M51947	5766	M48535	5777	M50339	5787
		M48847	5777	M53022	5787
M49896	5767	M49200	5777		
M50174	5767	M49291	5777	M48294	5788
M51269	5767	M49438	5777		
M51729	5767	M49628	5777	M46264	5789
M51733	5767	M49656	5777	M49676	5789
M51790	5767	M49920	5777	M49844	5789
M52771	5767	M52204	5777	M51535	5789
M52930	5767			M51722	5789
M52942	5767	M52552	5779		
		M53173	5779	M48418	5790
M48084	5768			M48553	5790
M48140	5768	M46579	5780	M52957	5790
M48217	5768	M46950	5780		
M49444	5768	M48168	5780	M45948	5971
M49784	5768				
M50016	5768	M46971	5781	CANADA	
M52507	5768	M47419	5781	M46173	
M52519	5768	M47587	5781	M46558	
		M48587	5781	M46649	
M51409	5770	M48675	5781	M46711	
		M48827	5781	M47370	
M47503	5771	M48963	5781	M47888	
M48330	5771	M49283	5781	M47923	
M50346	5771	M49888	5781	M48007	
		M49904	5781	M48175	
M52381	5773	M50511	5781	M48584	
		M50898	5781	M48727	
M46390	5774	M51493	5781	M48783	
M46642	5774	M52600	5781	M48795	
M49696	5774	M52756	5781	M48819	
M49732	5774	M52921	5781	M48883	
M50905	5774			M48995	
M51700	5774	M47517	5782	M49147	
		M47930	5782	M50317	
M51353	5775	M48767	5782	M50372	
M51841	5775	M48947	5782		
		M50185	5782		
M46810	5777	M52705	5782		
M46824	5777	M52723	5782		

Warranty Information:

Service Action S150

GLOBAL ACES

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Drive in/drive out may only be claimed when the vehicle has been brought in for this action alone to be undertaken.

Please use option code of X and **also enter** the SRO (s) and parts details on the claim applicable to the repair completed.

Program Code	Option	Description	SRO	Time	Part Number	Part Description	Qty
S150	B	Rear wheel geometry setting	57.65.08	0.7			
S150	C	Rear wheel geometry setting	57.65.08	0.7			
		Drive in/Drive out	10.10.10	0.1			

NOTE: Always perform a DCS claim search first to determine whether this service action has been performed on this vehicle. The warranty selection under the vehicle inquiry will give a listing of all claims against the vehicle. If S150 appears in the fault code field, do not perform this service action.