

**SPN / Cummins Fault Codes**  
**2013 Cummins ISX15 - CM2350 Engines**

<b>SPN</b>	<b>FMI</b>	<b>FAULT</b>	<b>LAMP</b>	<b>FAULT EFFECT</b>
27	2/2	1228	Amber	Derate
27	4/4	2272	Amber	Derate
38	9/9	6342	Amber	None
38	13/13	6343	Amber	None
51	3/3	3539	Amber	Derate
51	4/4	3541	Amber	Derate
51	2/2	3542	Amber	Derate
81	0/16	2754	Amber	None
84	2/2	241	Amber	Derate
84	10/10	242	Amber	Derate
84	19	3525	Amber	Derate
84	9	3525	Amber	Derate
91	3/3	131	Red	Limp home operation
91	4/4	132	Red	Limp home operation
91	2/2	1242	Red	Engine Idle ONLY
91	19	1515	Red	Engine Idle ONLY
91	9	3326	Red	Engine Idle ONLY
91	8/8	4289	Red	Limp home operation
91	13/13	6919	Amber	None
95	0/15	2343	Maint	Derate
95	0/16	2372	Amber	Derate
96	3/3	2222	Amber	None
96	4/4	2223	Amber	None
96	9/9	6339	Amber	None
96	13/13	6341	Amber	None
97	0/15	418	Maint	None
97	3/3	428	Amber	None
97	4/4	429	Amber	None
97	3/3	1845	Maint	None
97	4/4	1846	Maint	None
97	16	1852	Amber	None
100	3/3	135	Amber	None
100	4/4	141	Amber	None
100	1/18	143	Amber	Derate
100	1/1	415	Red	Derate
100	2/2	435	Amber	None
101	0/16	555	Amber	None
101	0/0	556	Red	Derate
101	3/3	1843	Amber	None
101	4/4	1844	Amber	None
101	2/2	1942	Amber	None
101	0/15	1974	Maint	None
102	1/18	122	Amber	Derate
102	3/3	123	Amber	Derate
102	0/16	124	Amber	Derate

NOTE: Red Lamp Probable Derate / Amber Lamp Possible Derate

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<b>SPN</b>	<b>FMI</b>	<b>FAULT</b>	<b>LAMP</b>	<b>FAULT EFFECT</b>
102	1/18	125	Amber	Derate
102	11/31	2191	Amber	Derate
102	3/3	2468	Amber	Engine shut down or no start
102	2/2	2973	Amber	Derate
102	10/10	3361	Amber	Derate
102	1/17	4616	Amber	Derate
102	0/15	6725	Amber	Derate
102	1/17	6864	None	Derate
103	0/16	595	Amber	Derate
103	18	687	Amber	Derate
103	15	2288	None	Derate
105	3/3	153	Amber	None
105	4/4	154	Amber	None
105	0/0	155	Red	Derate
105	2/2	436	Amber	Derate
105	0/16	488	Amber	Derate
105	0/15	2964	None	Derate
108	3/3	221	Amber	Derate
108	4/4	222	Amber	Derate
108	2/2	295	Amber	Derate
110	3	144	Amber	None
110	4/4	145	Amber	None
110	0/16	146	Amber	Derate
110	0/0	151	Red	Derate
110	2/2	334	Amber	None
110	31	2649	Amber	Derate
110	1/18	2789	Amber	None
110	0/15	2963	None	Derate
111	3/3	195	Amber	None
111	4	196	Amber	None
111	1/18	197	Amber	Derate
111	1/1	235	Red	Derate
111	1/17	2448	Maint	None
111	1/18	3366	None	None
157	3	452	Amber	Derate
157	0/16	553	Amber	Derate
157	1/18	559	Amber	Derate
157	7/7	755	Amber	Derate
157	0/15	4727	Amber	Derate
167	16	596	Amber	None
167	18	597	Amber	None
168	1/18	441	Amber	Derate
168	0/16	442	Amber	None
168	17	3724	Amber	Derate
168	0/15	6256	None	None

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<b>SPN</b>	<b>FMI</b>	<b>FAULT</b>	<b>LAMP</b>	<b>FAULT EFFECT</b>
168	1/17	6257	None	Engine shut down or no start
171	3/3	249	Amber	Derate
171	4/4	256	Amber	Derate
171	2	2398	Amber	Derate
175	3/3	212	Amber	None
175	4/4	213	Amber	None
175	0/0	214	Red	Derate
175	0/16	421	Amber	Derate
175	2/2	425	Amber	None
188	16	3715	Amber	Derate
188	18	3716	Amber	None
190	0/0	234	Red	Derate
190	2/2	689	Amber	Derate
190	2/2	2321	None	Derate
190	11/11	6595	None	Engine shut down or no start
191	9/9	3328	Amber	None
191	19	3418	Amber	None
237	13/13	4517	Amber	None
251	10	3492	Amber	None
411	2/2	1866	Amber	Derate
411	3/3	2273	Amber	Derate
411	4/4	2274	Amber	Derate
411	0/16	3385	Amber	None
412	2/2	1867	Amber	Derate
412	3/3	2375	Amber	Derate
412	4/4	2376	Amber	Derate
412	0/15	2961	None	Derate
412	0/16	2962	Amber	Derate
457	3	451	Amber	Derate
521	2/2	4526	Amber	None
558	19	3527	Red	Engine Idle ONLY
558	9	3528	Red	Engine Idle ONLY
563	9	3488	Amber	None
563	11/31	4215	None	Cruise Control May/May Not Function
612	2	115	Red	Engine shut down or no start
626	3/3	2738	Amber	Ether start disabled
626	4/4	2739	Amber	Ether start disabled
627	12/12	351	Amber	Derate
629	12	111	Red	Engine shut down or no start
629	12/12	343	Amber	Derate
630	12/12	346	Amber	None
630	12/12	3697	Red	Engine shut down or no start
633	11/31	2311	Amber	Derate
639	9/9	285	Amber	None
639	13/13	286	Amber	None

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<b>SPN</b>	<b>FMI</b>	<b>FAULT</b>	<b>LAMP</b>	<b>FAULT EFFECT</b>
639	9/9	427	None	Engine Idle ONLY
641	9/9	1894	Amber	Derate
641	12/12	1897	Amber	Derate
641	13/13	1898	Amber	Derate
641	0/15	1962	Amber	None
641	0/15	1976	None	None
641	11/11	2198	Amber	Derate
641	7/7	2387	Amber	Derate
641	13	2449	Red	Derate
641	12/12	2634	Red	Derate
641	11/31	2635	Red	Derate
641	9/9	2636	Red	Derate
641	14/14	6432	Amber	Derate
647	4/4	245	Amber	None
647	3/3	2377	Amber	None
647	3/3	6263	None	None
647	4/4	6264	None	None
651	5/5	322	Amber	Derate
651	7	1139	Amber	Derate
652	5/5	331	Amber	Derate
652	7	1141	Amber	Derate
653	5/5	324	Amber	Derate
653	7	1142	Amber	Derate
654	5/5	332	Amber	Derate
654	7	1143	Amber	Derate
655	5/5	323	Amber	Derate
655	7	1144	Amber	Derate
656	5/5	325	Amber	Derate
656	7	1145	Amber	Derate
677	3	584	Amber	No Start or Starter lock out
677	4	585	Amber	No Start or Starter lock out
677	3/3	6261	None	Engine shut down or no start
677	4/4	6262	None	Engine shut down or no start
723	7/7	731	Amber	Derate
723	2	778	Amber	Derate
723	2/2	2322	None	None
747	13/13	5297	Amber	Derate
747	2/19	5298	None	None
784	2/2	784	None	Cruise Control May/May Not Function
862	3/3	3733	Amber	None
862	4/4	3734	Amber	None
862	3/3	6336	None	None
862	4/4	6337	None	None
974	3/3	133	Red	Derate
974	4/4	134	Red	Derate

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<b>SPN</b>	<b>FMI</b>	<b>FAULT</b>	<b>LAMP</b>	<b>FAULT EFFECT</b>
974	19	288	Red	Derate
974	4/4	1361	Amber	Derate
974	3/3	1595	Amber	Derate
974	2/19	6417	Amber	Derate
1072	3/3	2182	Amber	Derate
1072	4/4	2183	Amber	Derate
1072	3/3	6418	None	Engine break restricted
1072	4/4	6419	None	Engine break restricted
1073	4/4	2363	Amber	Derate
1073	3/3	2367	Amber	Derate
1073	3/3	6421	None	Engine break restricted
1073	4/4	6422	None	Engine break restricted
1075	3/3	2265	Amber	Engine shut down or no start
1075	4/4	2266	Amber	Engine shut down or no start
1075	3/3	6258	None	Engine shut down or no start
1075	4/4	6259	None	Engine shut down or no start
1172	3	691	Amber	Derate
1172	4	692	Amber	Derate
1172	2	693	Amber	Derate
1176	1/18	629	Amber	Derate
1176	1/1	3348	Red	Derate
1209	3/3	2373	Amber	Derate
1209	4/4	2374	Amber	Derate
1209	2	2554	Amber	Derate
1209	0/16	2764	Amber	Derate
1209	1/18	4728	Amber	None
1239	0/16	4726	Amber	Engine shut down or no start
1267	3/3	338	Amber	None
1267	4/4	339	Amber	None
1322	31/31	1718	Amber	Derate
1323	11/31	1654	Amber	Derate
1324	11/31	1655	Amber	Derate
1325	11/31	1656	Amber	Derate
1326	11/31	1657	Amber	Derate
1327	11/31	1658	Amber	Derate
1328	11/31	1659	Amber	Derate
1347	4/4	271	Amber	Derate
1347	3/3	272	Amber	Derate
1349	3/3	483	Amber	Derate
1349	4/4	484	Amber	Derate
1378	31	649	Maint	None
1569	31	3714	Amber	Derate
1569	0/15	6255	None	Derate
1634	13/13	2416	Amber	None
1675	31	3737	None	Starter over-heat, prohibited until cool

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SPN	FMI	FAULT	LAMP	FAULT EFFECT
1761	4	1668	Amber	Derate
1761	4/4	1668	Amber	Derate
1761	3	1669	Amber	Derate
1761	3/3	1669	Amber	Derate
1761	1/1	1673	Amber	Derate
1761	1/17	3497	Maint	None
1761	1/18	3498	Maint	None
1761	9/9	4677	Amber	None
1761	13/13	4732	Amber	None
1761	11/11	4739	Amber	Derate
1761	10/10	4769	Amber	Derate
1818	31/31	3374	None	Cruise Control May/May Not Function
2623	3	1239	Amber	Limp home operation
2623	4	1241	Amber	Limp home operation
2623	8/8	4149	Amber	Limp home operation
2629	0/15	2347	None	Derate
2789	0/15	2346	None	Derate
2789	0/16	2451	None	Derate
2791	13/13	1896	Amber	Derate
2791	0/15	1961	Amber	Derate
2791	5/5	2349	Amber	Derate
2791	6/6	2353	Amber	Derate
2978	2/2	6637	Amber	None
3031	4/4	1677	Amber	Derate
3031	3/3	1678	Amber	Derate
3031	2/2	1679	Amber	Derate
3031	9/9	4572	Amber	Derate
3031	13/13	4731	Amber	Derate
3058	1/18	3382	Amber	Frequent Regen
3058	0/16	3383	Amber	Derate
3060	1/18	3243	Amber	None
3216	4	1885	Amber	Derate
3216	2/2	3228	Amber	Derate
3216	9/9	3232	Amber	Derate
3216	10	3725	Amber	None
3217	2/20	4747	Amber	None
3217	2/21	4748	Amber	Derate
3218	2/2	3682	Amber	None
3222	5/5	3446	Amber	Derate
3226	2/2	1694	Amber	Derate
3226	4	1887	Amber	Derate
3226	9	2771	Amber	Derate
3226	10	3545	Amber	None
3226	20	3749	Amber	None
3226	11/11	5689	Amber	None

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SPN	FMI	FAULT	LAMP	FAULT EFFECT
3227	2/20	4749	Amber	None
3227	2/21	4751	Amber	None
3228	2	3681	Amber	None
3242	0/16	3253	Red	Engine shut down or no start
3242	0/15	3254	Amber	Derate
3242	0	3311	Red	Engine shut down or no start
3242	4	3316	Amber	Derate
3242	3	3317	Amber	Derate
3242	2/2	3318	Amber	Derate
3246	0/16	3255	Red	Engine shut down or no start
3246	0/15	3256	Amber	Derate
3246	0	3312	Red	Engine shut down or no start
3246	3	3319	Amber	Derate
3246	4	3321	Amber	Derate
3246	2/2	3322	Amber	Derate
3251	3/3	1879	Amber	Derate
3251	4/4	1881	Amber	Derate
3251	2/2	1883	Amber	Derate
3251	0/16	1921	Amber	Derate
3251	0/0	1922	Red	Derate
3251	0/15	2639	None	Derate
3251	10/10	5715	Amber	ReGen Disabled
3361	2/2	2976	Amber	Derate
3361	3/3	3558	Amber	Derate
3361	4/4	3559	Amber	Derate
3361	1/18	3867	Amber	Derate
3362	11/31	1682	Amber	Derate
3363	3	1683	Amber	Derate
3363	4	1684	Amber	Derate
3363	18	1712	Amber	Derate
3363	0/16	1713	Amber	Derate
3363	7	3242	Amber	Derate
3364	4/4	1685	Amber	Derate
3364	3/3	1686	Amber	Derate
3364	11/11	1715	Amber	None
3364	9/9	3868	Amber	Derate
3364	2/2	3878	Amber	Derate
3364	10/10	4277	Amber	Derate
3364	10/10	4277	Amber	Derate
3364	0/15	4842	None	Derate
3464	3/3	175	Red	Derate
3464	4/4	176	Red	Derate
3464	7/7	177	Red	Derate
3464	3/3	5879	Amber	Derate
3464	4/4	5881	Amber	Derate

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SPN	FMI	FAULT	LAMP	FAULT EFFECT
3464	7/7	5882	Amber	Derate
3480	2/2	1926	Amber	Derate
3480	3/3	1927	Amber	Derate
3480	4/4	1928	Amber	Derate
3480	17	2881	None	None
3482	3/3	1923	Amber	Derate
3482	4/4	1924	Amber	Derate
3482	2/2	1925	Amber	Derate
3482	7/7	1963	Amber	Derate
3482	0/16	4568	Amber	Frequent Regen
3490	4	3223	Amber	Derate
3490	3	3224	Amber	Derate
3490	7	3225	Amber	Derate
3509	4/4	352	Amber	Derate
3509	3/3	386	Amber	Derate
3510	4	187	Amber	Derate
3510	3/3	227	Amber	Derate
3511	4/4	238	Amber	Derate
3511	3/3	239	Amber	Derate
3512	3/3	2185	Amber	Engine Idle ONLY
3512	4/4	2186	Amber	Engine Idle ONLY
3513	4/4	1696	Amber	Limp home operation
3514	3/3	515	Amber	Derate
3514	4/4	516	Amber	Derate
3515	3/3	4233	Amber	Derate
3515	4/4	4234	Amber	Derate
3515	10/10	4243	Amber	Derate
3515	11/11	4745	Amber	Derate
3521	11/11	4768	Amber	Derate
3555	1/17	1943	None	Derate
3556	2/2	1932	Amber	Derate
3556	5	1977	Amber	Derate
3556	18	3167	Amber	Frequent Regen
3597	2/2	1117	None	Derate
3597	1/18	1938	Amber	Derate
3610	3	3133	Amber	Derate
3610	4	3134	Amber	Derate
3610	2/2	3135	Amber	Derate
3610	10/10	5716	Amber	ReGen Disabled
3616	2/20	3748	Amber	None
3667	3/3	3139	Amber	Derate
3667	4/4	3141	Amber	Derate
3667	7/7	4484	Red	Derate
3667	14/14	5259	Red	Derate
3695	2/2	4213	Amber	Frequent Regen

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SPN	FMI	FAULT	LAMP	FAULT EFFECT
3703	11/31	2777	None	Frequent Regen
3703	11/31	6416	None	Frequent Regen
3720	0/15	5383	Maint	None
3750	11/31	3396	Amber	Frequent Regen
3936	0/15	1981	Amber	Derate
3936	2/2	2692	Amber	Derate
3936	16	3168	Amber	None
3936	7/7	3245	Amber	Derate
3936	14/14	4585	Red	Engine shut down or no start
3936	7/7	6265	None	Derate
4094	11/31	3543	Amber	Derate
4096	11/31	3547	Amber	Derate
4331	1/18	4658	Amber	Derate
4334	3	3571	Amber	Derate
4334	4/4	3572	Amber	Derate
4334	1/18	3574	Amber	Derate
4334	16	3575	Amber	Derate
4334	2/2	3596	Amber	Derate
4337	2/2	4244	Amber	None
4337	10/10	4249	Amber	None
4339	7/7	5868	Amber	Derate
4340	3/3	3237	Amber	Derate
4340	4/4	3238	Amber	Derate
4340	5/5	3258	Amber	Derate
4342	3/3	3239	Amber	Derate
4342	4/4	3241	Amber	Derate
4342	5/5	3261	Amber	Derate
4344	3/3	3422	Amber	Derate
4344	4/4	3423	Amber	Derate
4344	5/5	3425	Amber	Derate
4360	3/3	3142	Amber	Derate
4360	14/14	6267	Amber	Derate
4363	3/3	3146	Amber	Derate
4363	4/4	3147	Amber	Derate
4363	2/2	3148	Amber	Derate
4363	0/0	3165	Red	Derate
4363	0/16	3235	Red	Derate
4363	12/12	6268	Amber	Derate
4364	1/18	3582	Amber	Derate
4364	11/31	5655	Amber	Derate
4376	3/3	3577	Amber	Derate
4376	4/4	3578	Amber	Derate
4376	7/7	4157	Amber	None
4525	16/16	4525	Red	Engine shut down or no start
4752	1/18	3342	Amber	None

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SPN	FMI	FAULT	LAMP	FAULT EFFECT
4765	0/16	3251	Red	Engine shut down or no start
4765	4	3313	Amber	Derate
4765	3	3314	Amber	Derate
4765	2/2	3315	Amber	Derate
4792	14/14	4585	Red	Engine shut down or no start
4794	11/31	3151	Amber	Derate
4796	31/31	1664	Amber	Derate
5018	11/11	2637	None	Derate
5019	3	3136	Amber	Derate
5019	4	3137	Amber	Derate
5019	2/2	3138	Amber	Derate
5024	10	3649	Amber	None
5031	10	3583	Amber	None
5097	3/3	4293	Amber	None
5097	4/4	4294	Amber	None
5246	0	3712	Red	Derate
5246	0/16	6254	Amber	Derate
5262	0/0	4524	Red	Engine shut down or no start
5285	18	3343	Amber	None
5298	1/18	1691	Amber	Frequent Regen
5298	1/17	2638	None	Frequent Regen
5319	11/31	3376	Amber	Frequent Regen
5394	5/5	3567	Amber	Derate
5394	7	3568	Amber	Derate
5395	1/18	3338	Amber	Derate
5397	11/31	3375	Amber	None
5400	11/31	6244	Amber	None
5491	3/3	3562	Amber	Derate
5491	4/4	3563	Amber	Derate
5569	4/4	6642	Amber	Derate
5569	3/3	6643	Amber	Derate
5569	4/4	6644	Amber	Derate
5569	3/3	6645	Amber	Derate
5569	2/2	6646	Amber	Derate
5569	0/16	6735	None	None
5571	7	3727	None	Derate
5571	0/0	3741	Amber	Derate
5585	1/18	4691	Amber	Engine shut down or no start
5603	9	3843	Amber	None
5603	31	3845	None	Cruise Control May/May Not Function
5605	31	3844	None	Cruise Control May/May Not Function
5742	9/9	4151	Amber	Derate
5742	12/12	4158	Amber	Derate
5742	3/3	4161	Amber	Derate
5742	4/4	4162	Amber	Derate

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SPN	FMI	FAULT	LAMP	FAULT EFFECT
5742	0/16	4163	Amber	Derate
5742	11/11	4259	Amber	Derate
5743	9/9	4152	Amber	Derate
5743	12/12	4159	Amber	Derate
5743	3/3	4164	Amber	Derate
5743	4/4	4165	Amber	Derate
5743	0/16	4166	Amber	Derate
5743	11/11	4261	Amber	Derate
5745	3/3	4168	Amber	None
5745	4/4	4169	Amber	Derate
5745	1/18	4171	Amber	Derate
5746	3/3	4155	Amber	Derate
5746	4/4	4156	Amber	Derate
5798	2/2	4245	Amber	None
5798	10/10	4251	Amber	None
5835	3/3	4143	Amber	Derate
5835	4/4	4144	Amber	Derate
5835	2/21	5837	Amber	Derate
5835	9/9	6688	Amber	Derate
5842	14/14	6613	Amber	Derate
5842	14/14	6656	None	Derate
5848	4/4	3899	Amber	None
5848	9/9	3911	Amber	Derate
5848	13/13	3935	Amber	Derate
5848	12/12	3936	Amber	Derate
5848	10/10	3934	Amber	Derate
5848	2/2	4281	Amber	None
5848	7/7	4453	Amber	None
5851	1/16	3932	Amber	Derate
5851	1/18	3933	Amber	Derate
5851	2/2	3934	Amber	Derate
5853	10/10	3912	Amber	Derate
5862	3/3	4518	Amber	Derate
5862	4/4	4519	Amber	Derate
5862	2/2	4521	Amber	Derate
5862	14/14	6266	Amber	Derate
6513	3/3	1695	Amber	Limp home operation
6655	3/3	4951	Amber	None
6655	4/4	4952	Amber	None
6773	0/16	4449	Amber	Derate
6773	7/7	5584	Amber	Derate
6777	10/10	5583	Amber	Derate
6778	3/3	5577	Amber	Derate
6778	4/4	5578	Amber	Derate
6778	0/16	5579	Amber	Derate

NOTE: Red Lamp Probable Derate / Amber Lamp Possible Derate

**SPN / Cummins Fault Codes**  
**2013 Cummins ISX15 - CM2350 Engines**

<b>SPN</b>	<b>FMI</b>	<b>FAULT</b>	<b>LAMP</b>	<b>FAULT EFFECT</b>
6780	3/3	6647	Amber	Derate
6780	4/4	6648	Amber	Derate
6780	2/2	6649	Amber	Derate
6802	11/31	5278	Amber	Derate
7317	9/9	6575	None	Cruise Control May/May Not Function
7321	3/3	4153	Amber	Derate
7321	4/4	5792	Amber	Derate
7323	4/4	4154	Amber	Derate
7323	3/3	5793	Amber	Derate
7329	2/2	5581	Amber	Derate
7854	3/3	6651	Amber	Derate
7854	4/4	6652	Amber	Derate
7854	6/6	6653	Amber	Derate
8613	9/9	7286	None	None
520325	11/31	2718	Amber	Limp home operation
520701	11/31	4612	Amber	Derate
520879	2/2	5582	Amber	Derate

NOTE: Red Lamp Probable Derate / Amber Lamp Possible Derate